

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021920\
 Data File : VN060148.D
 Acq On : 19 Feb 2020 12:15
 Operator : JC/MD
 Sample : PB126910TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 20 01:16:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 12 14:12:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	163126	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	253576	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	239866	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	105015	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	95656	48.19	ug/l	0.00
Spiked Amount			Recovery	=	96.38%	
35) Dibromofluoromethane	7.56	113	76284	48.94	ug/l	0.00
Spiked Amount			Recovery	=	97.88%	
50) Toluene-d8	10.08	98	309155	50.37	ug/l	0.00
Spiked Amount			Recovery	=	100.74%	
62) 4-Bromofluorobenzene	12.40	95	111032	49.23	ug/l	0.00
Spiked Amount			Recovery	=	98.46%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.79	43	10700	12.358	ug/l	95
17) Carbon Disulfide	4.03	76	1342	0.289	ug/l #	76
18) Methyl Acetate	4.29	43	3593	2.209	ug/l #	86
20) Methylene Chloride	4.52	84	10805	6.255	ug/l	98
25) 2-Butanone	6.81	43	2194	2.015	ug/l #	46
29) Tetrahydrofuran	7.18	42	398	0.596	ug/l #	30
31) Cyclohexane	7.64	56	3439	1.225	ug/l #	22
36) 1,1-Dichloropropene	7.64	75	11441	4.871	ug/l #	49
38) Carbon Tetrachloride	7.64	117	15123	5.929	ug/l #	15
43) Isopropyl Acetate	8.14	43	127968	35.266	ug/l #	90
45) 1,2-Dichloropropane	9.25	63	2777	1.610	ug/l #	43
48) Methyl methacrylate	9.16	41	6492	3.988	ug/l #	9
49) 1,4-Dioxane	9.25	88	264	9.491	ug/l #	1
51) 4-Methyl-2-Pentanone	9.97	43	10042	4.781	ug/l	97
54) cis-1,3-Dichloropropene	9.89	75	59052	20.048	ug/l #	61
56) Ethyl methacrylate	10.53	69	1473	0.597	ug/l #	1
57) 1,3-Dichloropropane	10.75	76	10066	3.500	ug/l #	43
59) 2-Hexanone	10.75	43	137861	84.972	ug/l #	51
74) N-amyl acetate	12.03	43	6301	2.228	ug/l #	45
76) 1,2,3-Trichloropropane	12.40	75	56867	28.304	ug/l #	100
79) 2-Chlorotoluene	12.77	91	1302	0.248	ug/l	76
80) 1,3,5-Trimethylbenzene	12.73	105	3382	0.519	ug/l	88
81) trans-1,4-Dichloro-2-buten	12.40	75	56867	69.302	ug/l #	12
82) 4-Chlorotoluene	12.77	91	1302	0.242	ug/l	77
86) p-Isopropyltoluene	13.28	119	1540	0.223	ug/l	78
87) 1,3-Dichlorobenzene	13.28	146	1018	0.296	ug/l	91
88) 1,4-Dichlorobenzene	13.28	146	1018	0.296	ug/l	92
89) n-Butylbenzene	13.61	91	2404	0.395	ug/l	94
91) 1,2-Dichlorobenzene	13.66	146	1028	0.305	ug/l	90
92) 1,2-Dibromo-3-Chloropropan	14.27	75	504	0.283	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.91	180	2148	1.084	ug/l	97
94) Hexachlorobutadiene	15.00	225	565	0.487	ug/l	93
95) Naphthalene	15.13	128	8826	1.649	ug/l	98
96) 1,2,3-Trichlorobenzene	15.31	180	2520	1.277	ug/l	96

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 12 14:12:21 2020
Response via : Initial Calibration

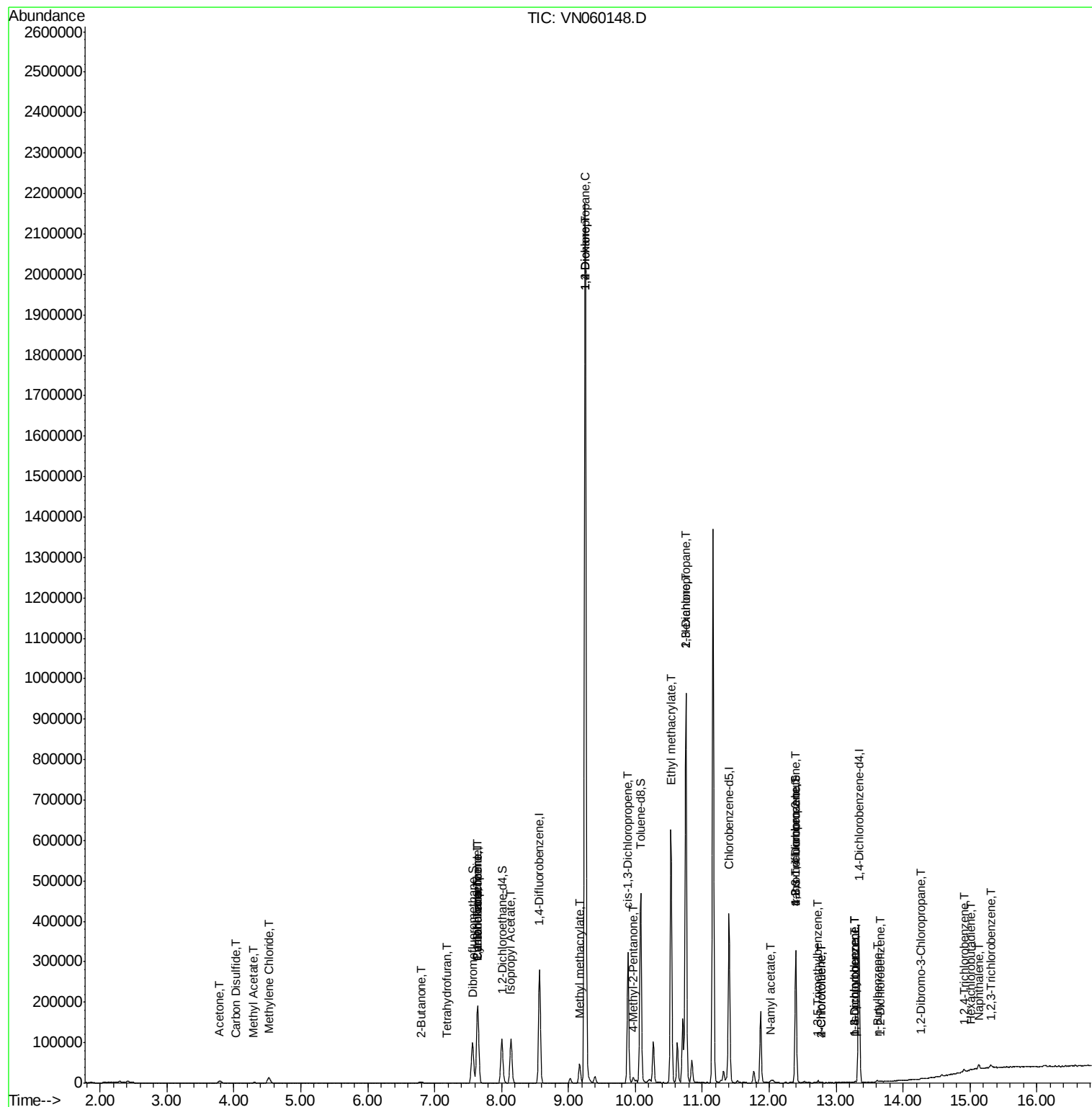
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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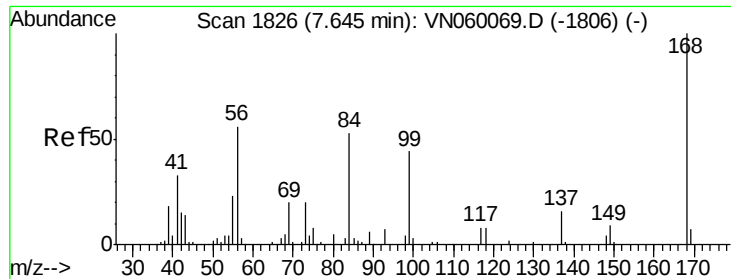
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN021920\
Data File : VN060148.D
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN060148.D

Acq: 19 Feb 2020 12:15

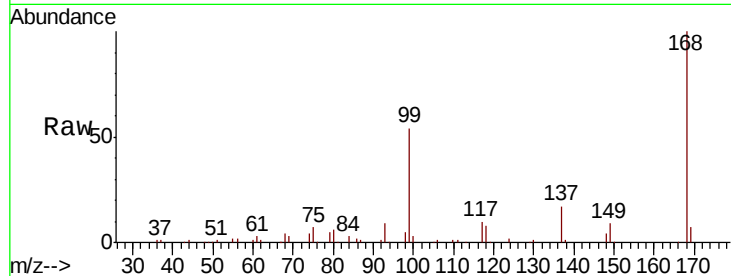
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 163126

Ion Ratio Lower Upper

168 100

99 54.0 42.7 64.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

60000

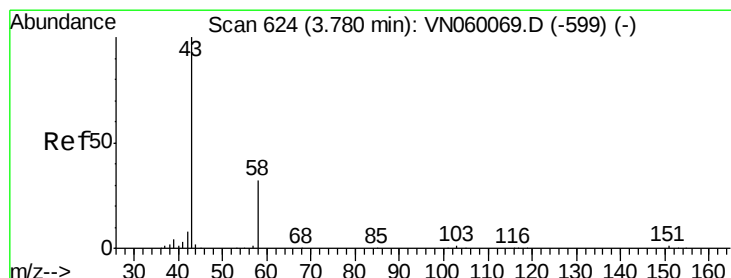
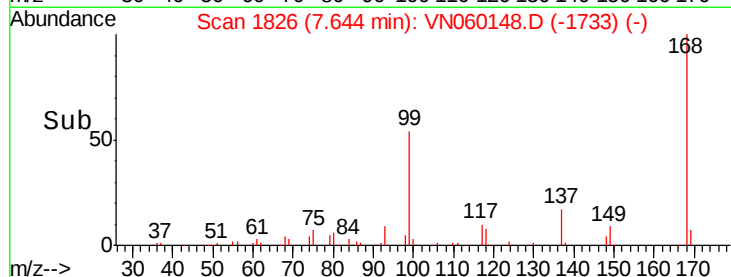
40000

20000

0

7.60 7.70

Time-->



#16

Acetone

Concen: 12.358 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN060148.D

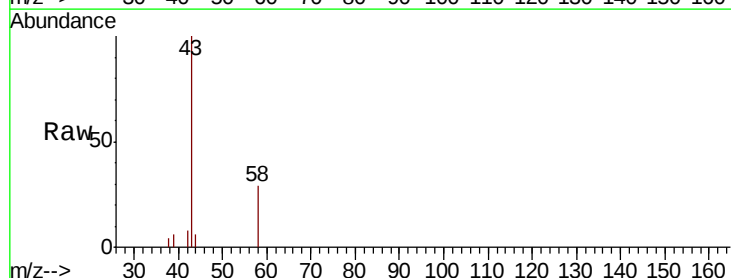
Acq: 19 Feb 2020 12:15

Tgt Ion: 43 Resp: 10700

Ion Ratio Lower Upper

43 100

58 28.7 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.79

4000

3000

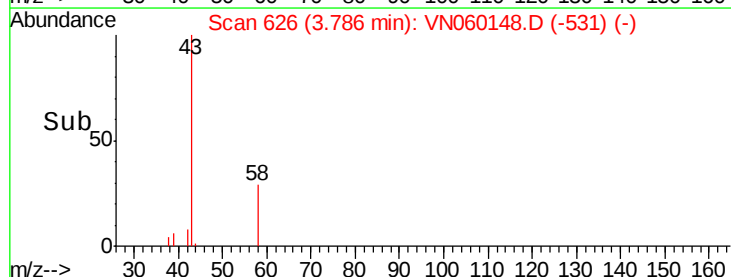
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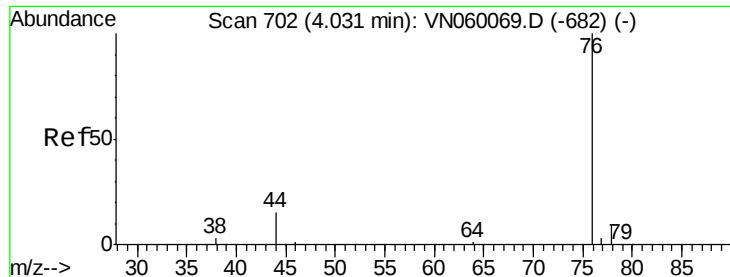
1000

0

3.70 3.75 3.80 3.85

Time-->

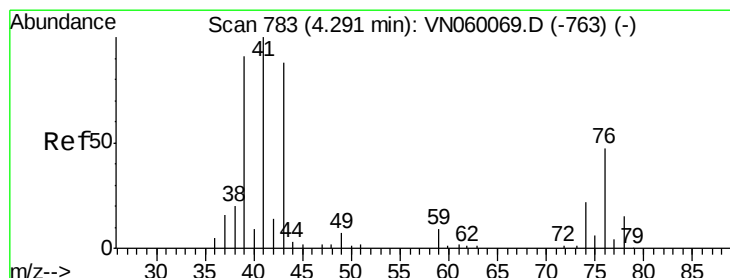
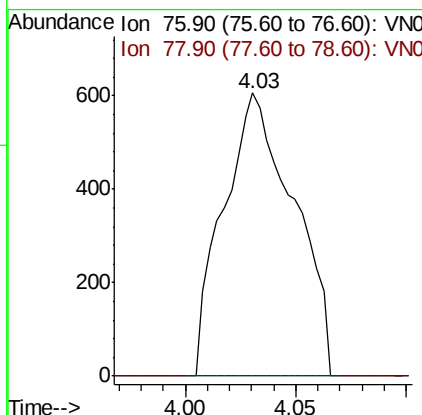
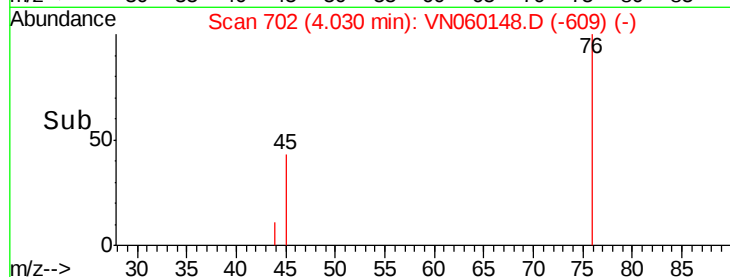
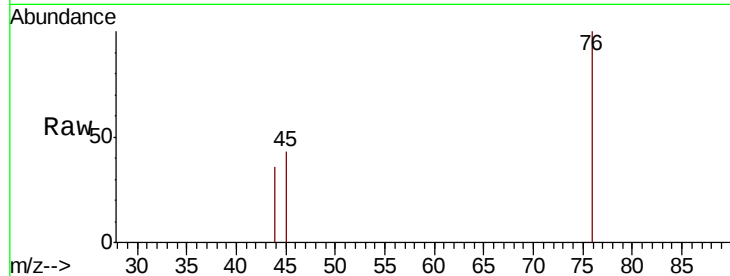




#17
Carbon Disulfide
Concen: 0.289 ug/l
RT: 4.03 min Scan# 702
Delta R.T. -0.00 min
Lab File: VN060148.D
Acq: 19 Feb 2020 12:15

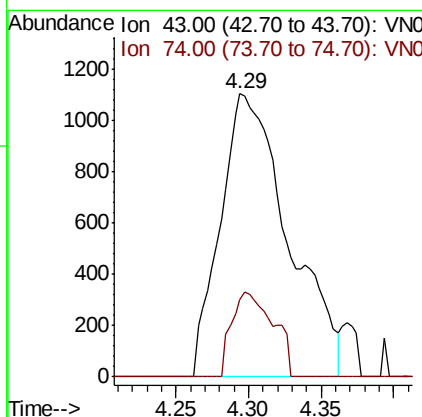
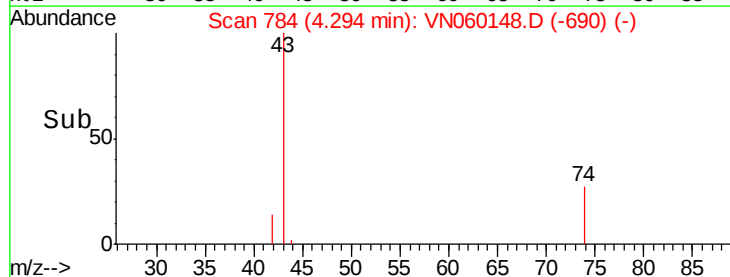
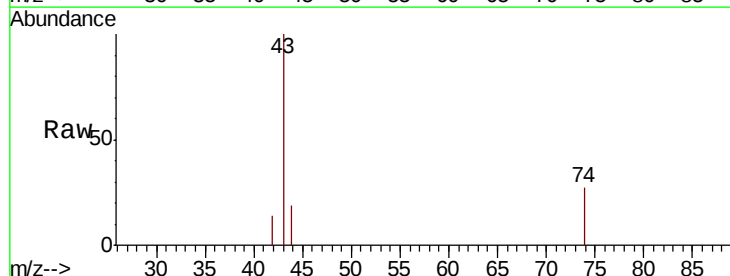
Instrument :
MSVOA_N
ClientSampleId :

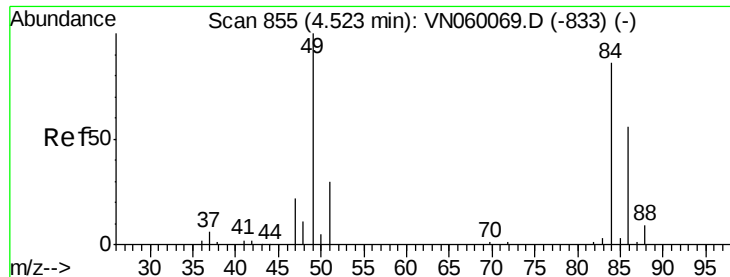
Tot Ion: 76 Resp: 1342
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#



#18
Methyl Acetate
Concen: 2.209 ug/l
RT: 4.29 min Scan# 784
Delta R.T. 0.00 min
Lab File: VN060148.D
Acq: 19 Feb 2020 12:15

Tgt Ion: 43 Resp: 3593
Ion Ratio Lower Upper
43 100
74 18.2 20.3 30.5#

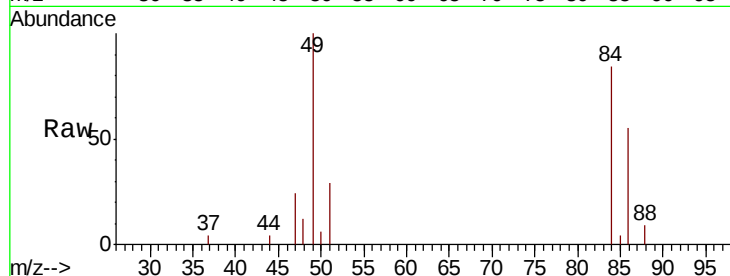




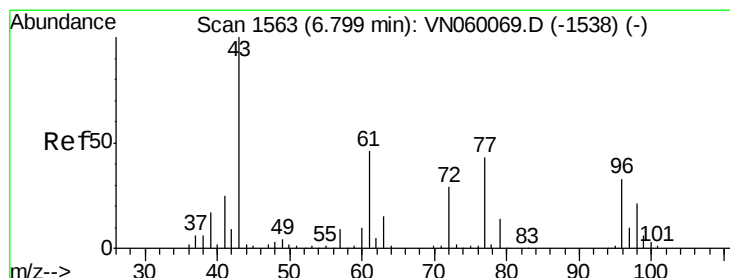
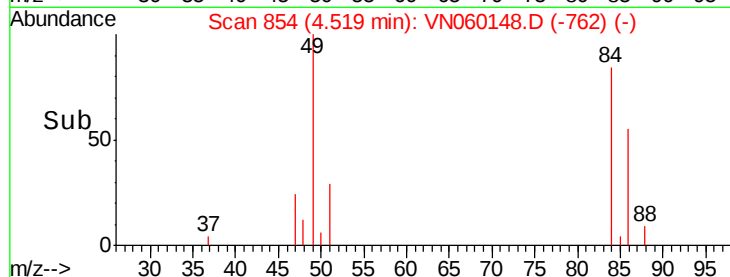
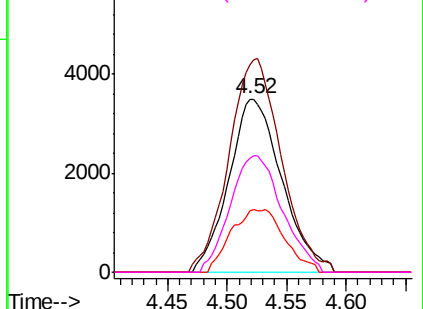
#20
Methvlene Chloride
Concen: 6.255 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN060148.D
Acq: 19 Feb 2020 12:15

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:	84	Resp:	10805
Ion	Ratio	Lower	Upper
84	100		
49	119.7	93.4	140.0
51	35.2	28.4	42.6
86	65.7	52.5	78.7

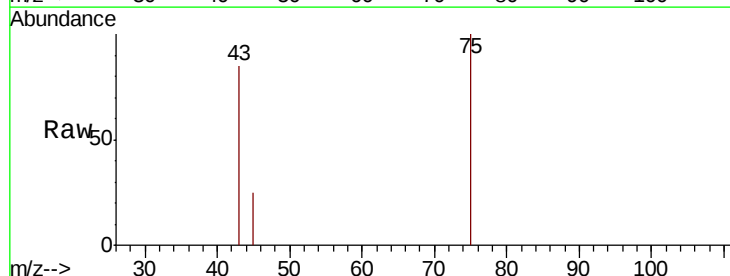


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

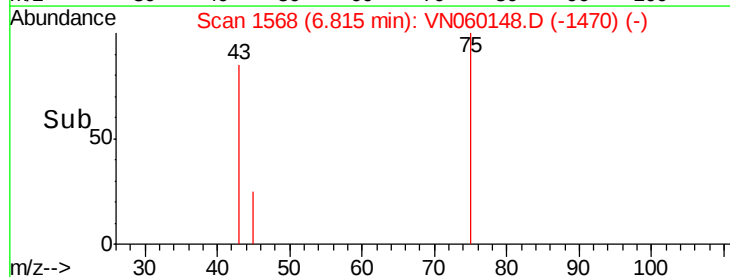
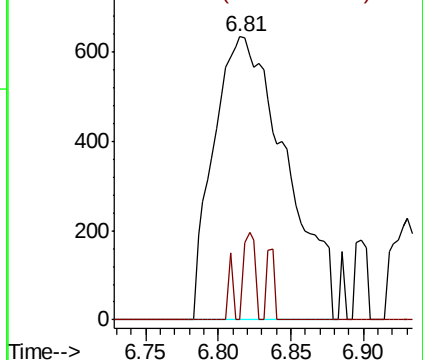


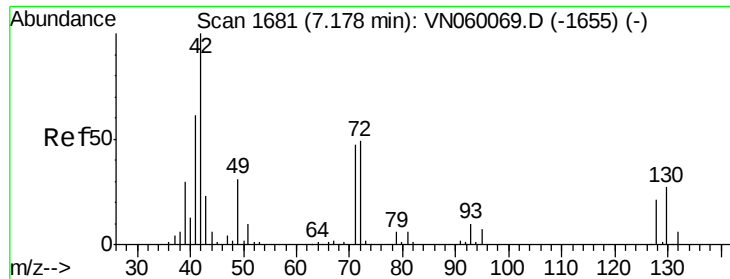
#25
2-Butanone
Concen: 2.015 ug/l
RT: 6.81 min Scan# 1568
Delta R.T. 0.02 min
Lab File: VN060148.D
Acq: 19 Feb 2020 12:15

Tgt Ion:	43	Resp:	2194
Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.3	34.9#



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 72.00 (71.70 to 72.70): VN0

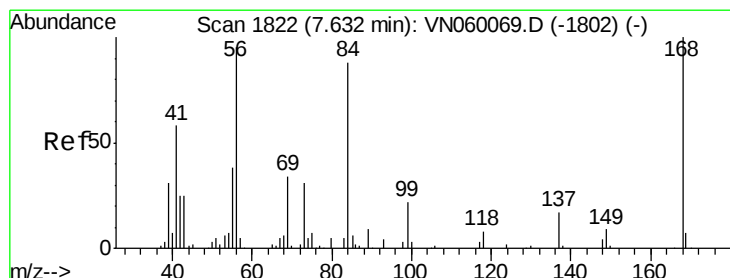
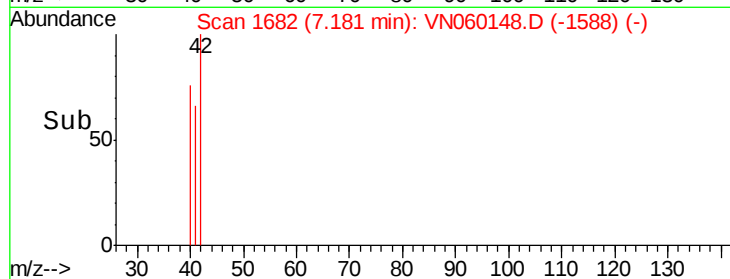
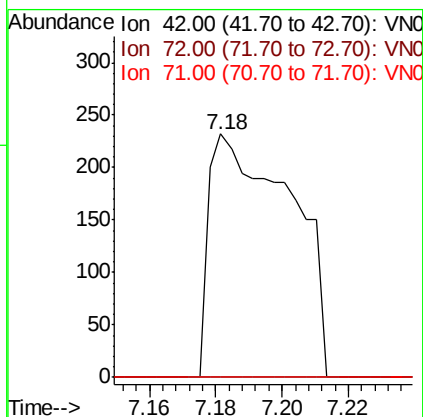
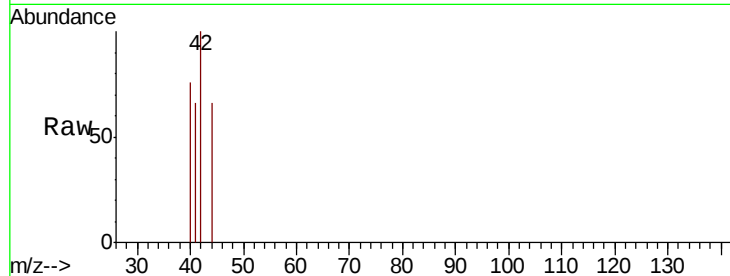




#29
Tetrahydrofuran
Concen: 0.596 ug/l
RT: 7.18 min Scan# 1682
Delta R.T. 0.00 min
Lab File: VN060148.D
Acq: 19 Feb 2020 12:15

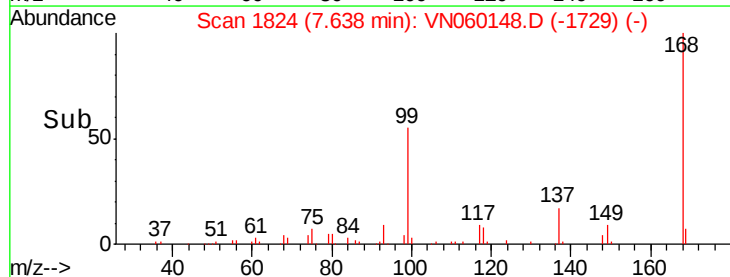
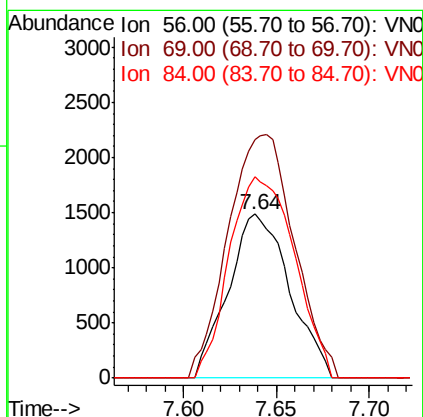
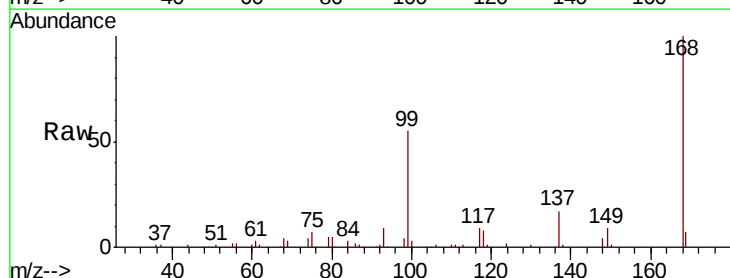
Instrument :
MSVOA_N
ClientSampleId :

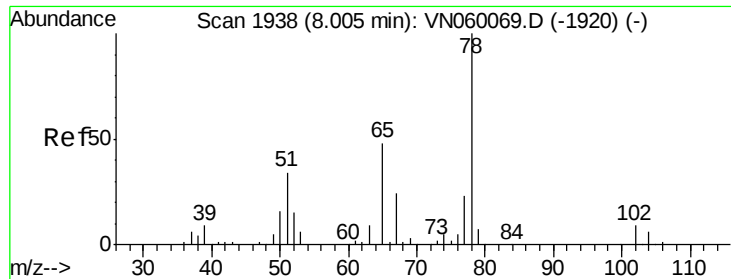
Tot Ion: 42 Resp: 398
Ion Ratio Lower Upper
42 100
72 0.0 38.2 57.4#
71 0.0 36.6 54.8#



#31
Cyclohexane
Concen: 1.225 ug/l
RT: 7.64 min Scan# 1824
Delta R.T. 0.01 min
Lab File: VN060148.D
Acq: 19 Feb 2020 12:15

Tgt Ion: 56 Resp: 3439
Ion Ratio Lower Upper
56 100
69 145.6 28.3 42.5#
84 123.2 72.6 108.8#

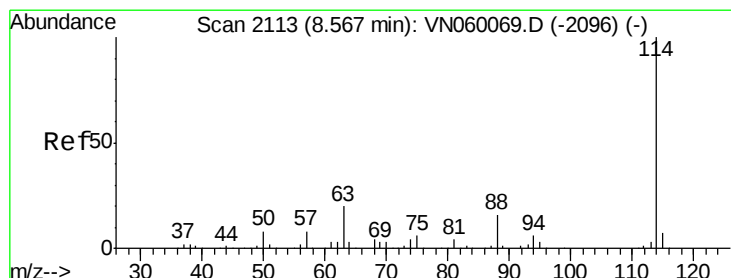
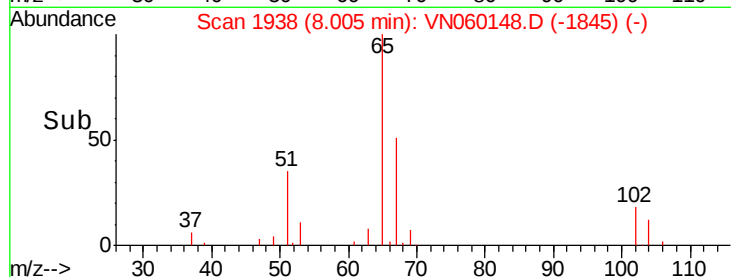
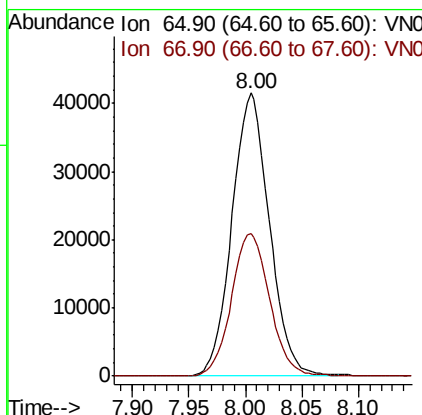
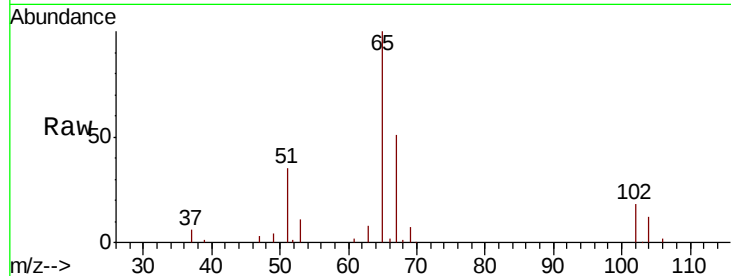




#33
 1,2-Dichloroethane-d4
 Concen: 48.190 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VN060148.D
 Acq: 19 Feb 2020 12:15

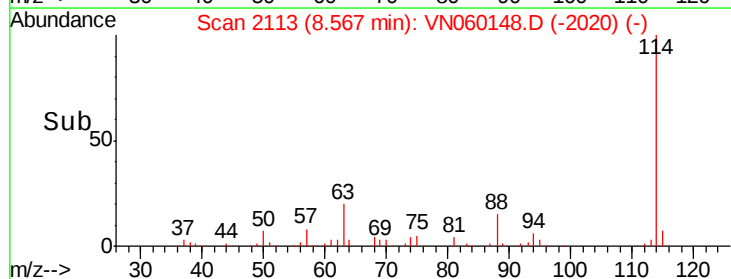
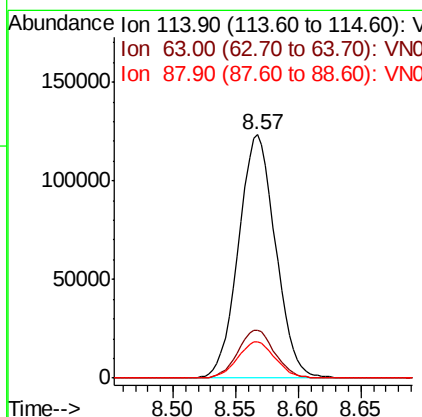
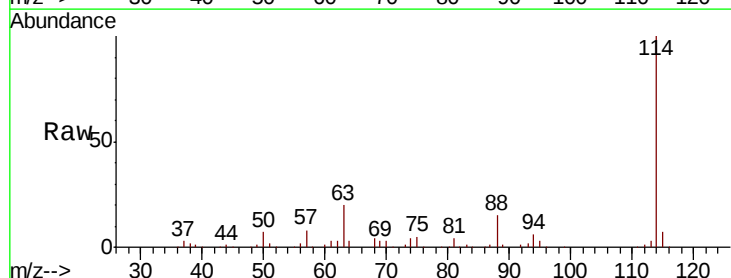
Instrument :
 MSVOA_N
 ClientSampled :

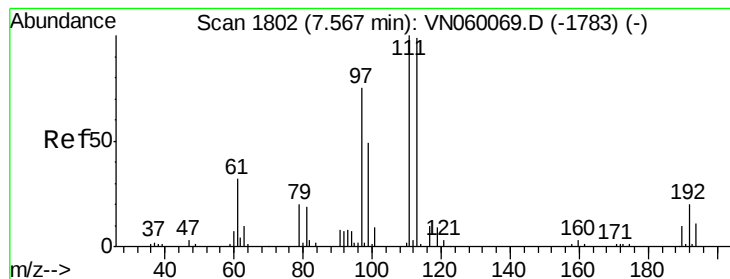
Tot Ion: 65 Resp: 95656
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN060148.D
 Acq: 19 Feb 2020 12:15

Tgt Ion: 114 Resp: 253576
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 40.0
 88 15.1 0.0 31.6





#35

Dibromofluoromethane

Concen: 48.940 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN060148.D

Acq: 19 Feb 2020 12:15

Instrument :

MSVOA_N

ClientSampled :

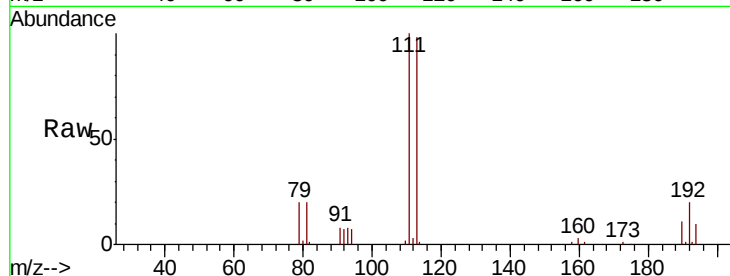
Tot Ion:113 Resp: 76284

Ion Ratio Lower Upper

113 100

111 102.4 81.4 122.2

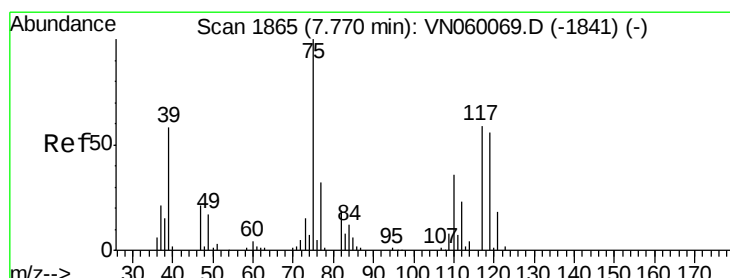
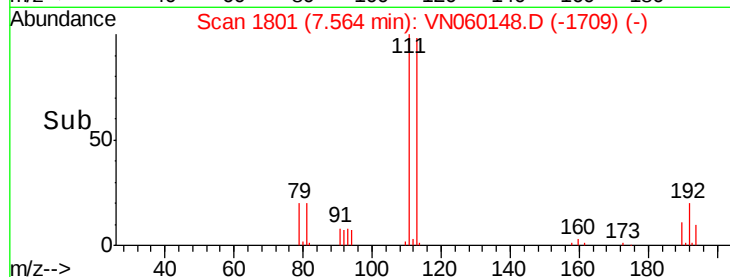
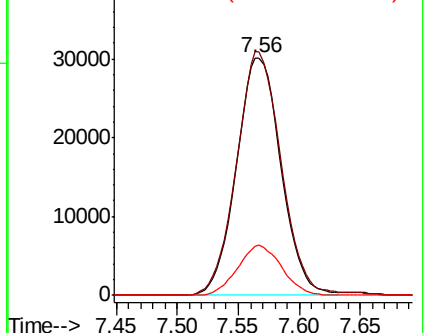
192 20.7 16.2 24.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 4.871 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.13 min

Lab File: VN060148.D

Acq: 19 Feb 2020 12:15

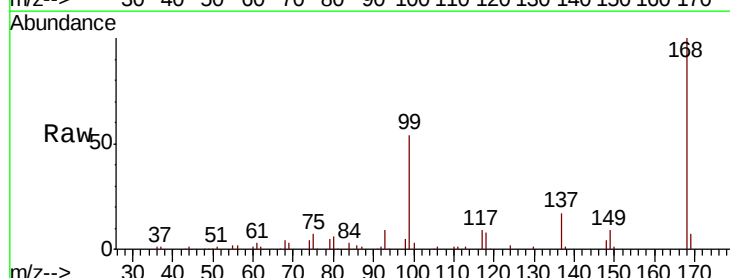
Tgt Ion: 75 Resp: 11441

Ion Ratio Lower Upper

75 100

110 8.8 18.1 54.3#

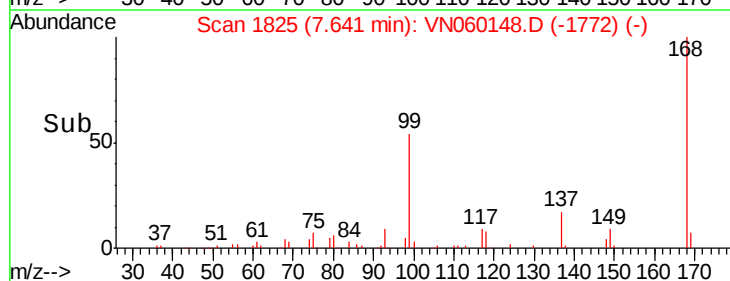
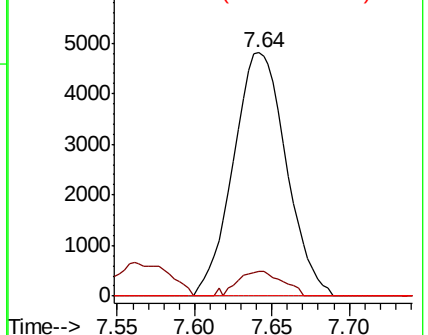
77 0.0 25.1 37.7#

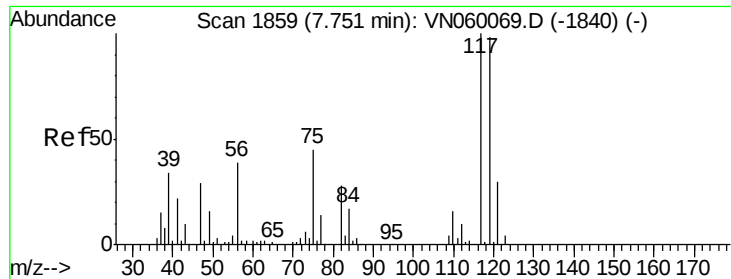


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V





#38

Carbon Tetrachloride

Concen: 5.929 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.11 min

Lab File: VN060148.D

Acq: 19 Feb 2020 12:15

Instrument :

MSVOA_N

ClientSampleId :

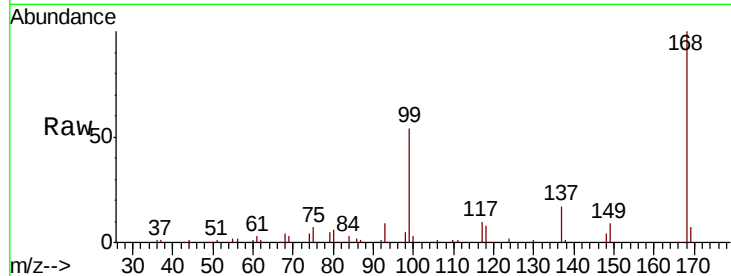
Tot Ion:117 Resp: 15123

Ion Ratio Lower Upper

117 100

119 4.6 78.2 117.4#

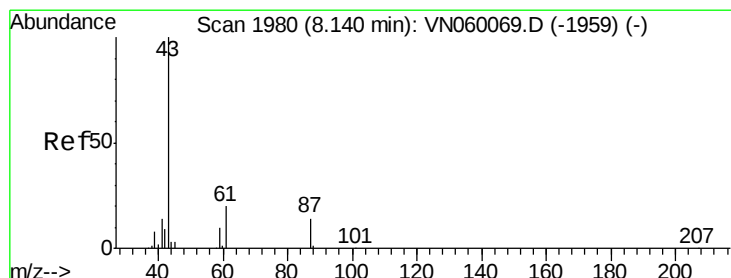
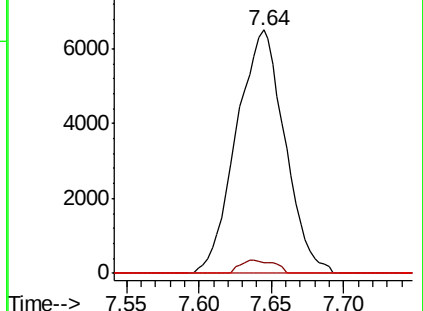
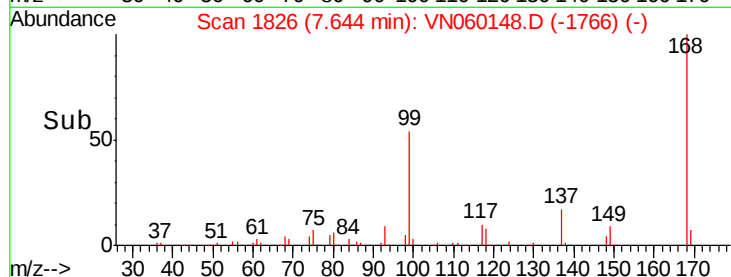
121 0.0 24.2 36.2#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#43

Isopropyl Acetate

Concen: 35.266 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. -0.00 min

Lab File: VN060148.D

Acq: 19 Feb 2020 12:15

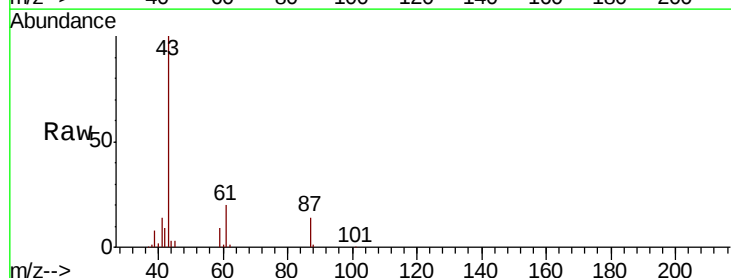
Tgt Ion: 43 Resp: 127968

Ion Ratio Lower Upper

43 100

61 19.8 21.8 32.6#

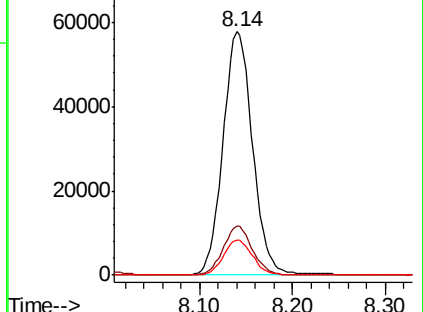
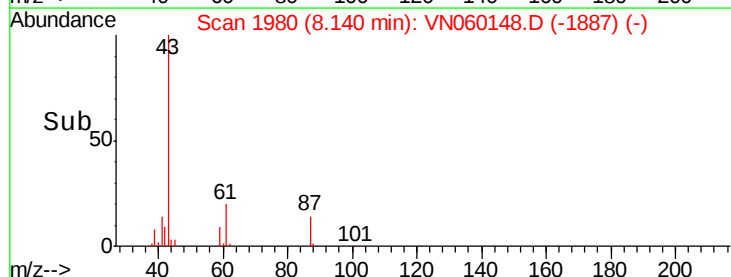
87 14.0 11.4 17.2

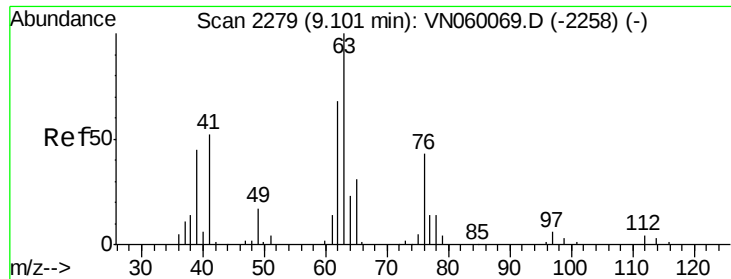


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V

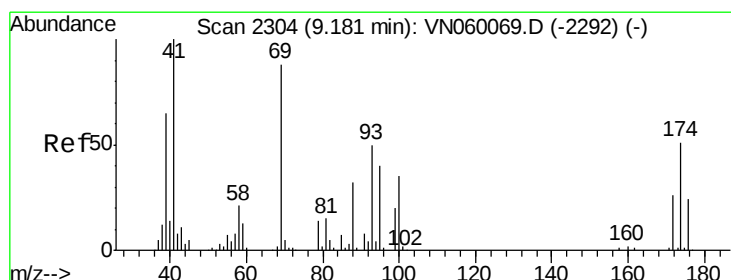
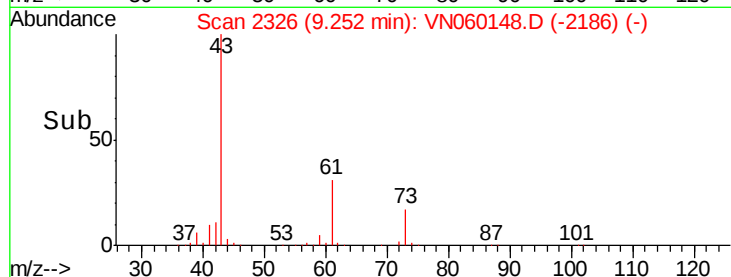
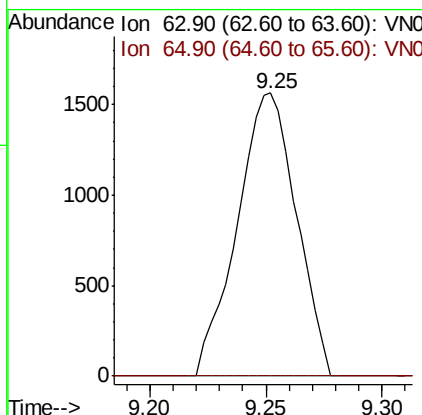
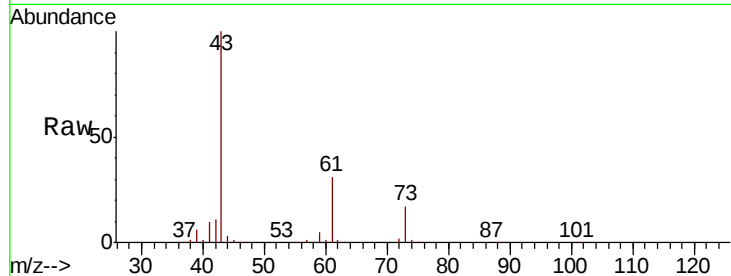




#45
 1,2-Dichloropropane
 Concen: 1.610 ug/l
 RT: 9.25 min Scan# 2326
 Delta R.T. 0.15 min
 Lab File: VN060148.D
 Acq: 19 Feb 2020 12:15

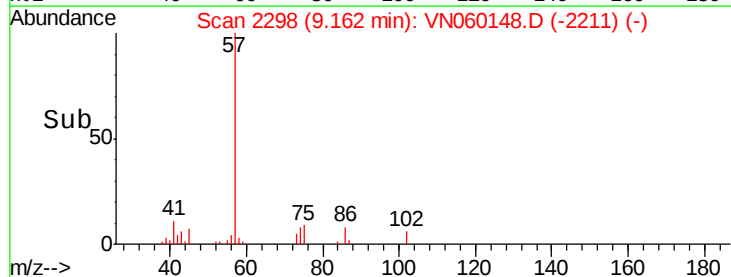
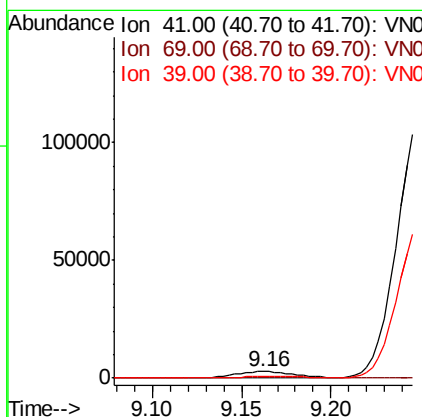
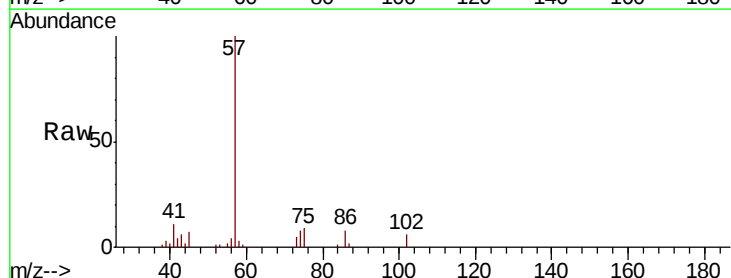
Instrument :
 MSVOA_N
 ClientSampleId :

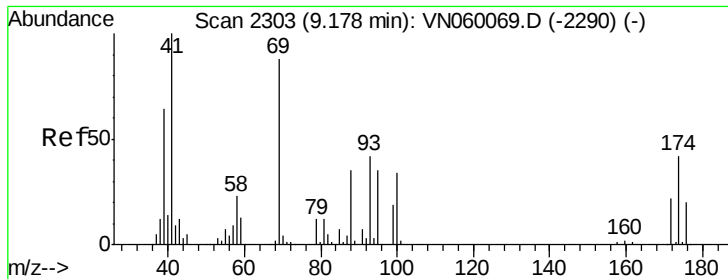
Tot Ion: 63 Resp: 2777
 Ion Ratio Lower Upper
 63 100
 65 0.0 25.0 37.4#



#48
 Methyl methacrylate
 Concen: 3.988 ug/l
 RT: 9.16 min Scan# 2298
 Delta R.T. -0.02 min
 Lab File: VN060148.D
 Acq: 19 Feb 2020 12:15

Tgt Ion: 41 Resp: 6492
 Ion Ratio Lower Upper
 41 100
 69 0.0 72.0 108.0#
 39 0.0 54.1 81.1#





#49

1,4-Dioxane

Concen: 9.491 ug/l

RT: 9.25 min Scan# 2325

Delta R.T. 0.07 min

Lab File: VN060148.D

Acq: 19 Feb 2020 12:15

Instrument :

MSVOA_N

ClientSampled :

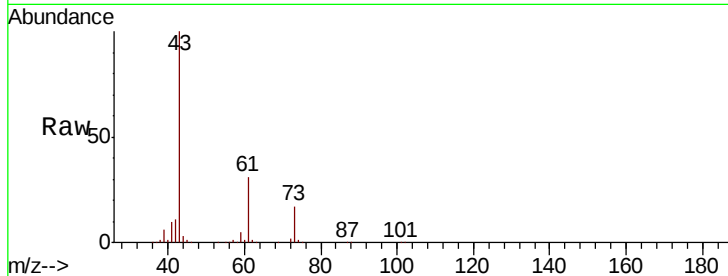
Tot Ion: 88 Resp: 264

Ion Ratio Lower Upper

88 100

43 796806.8 26.2 39.2#

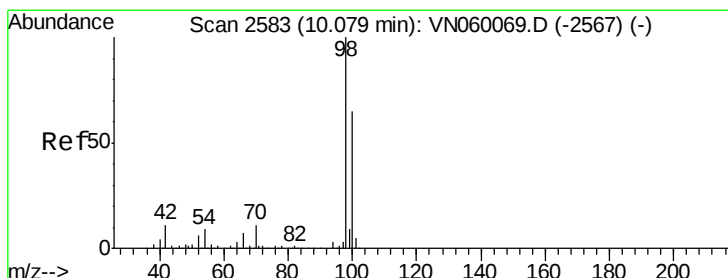
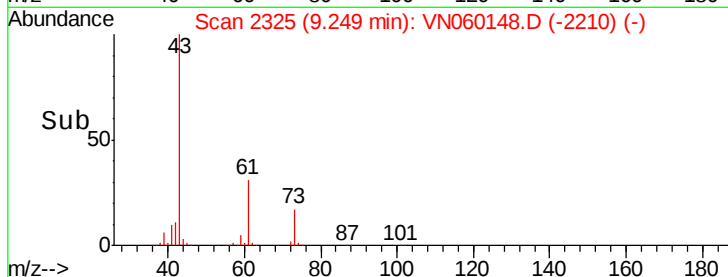
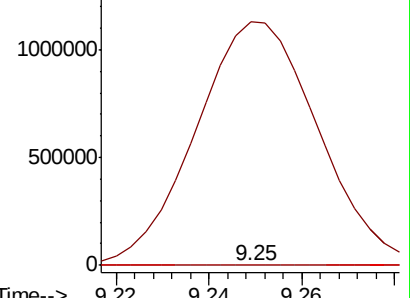
58 3109.1 53.2 79.8#



Abundance Ion 88.00 (87.70 to 88.70): VN060148.D (-2325) (-)

Ion 43.00 (42.70 to 43.70): VN060148.D (-2325) (-)

Ion 58.00 (57.70 to 58.70): VN060148.D (-2325) (-)



#50

Toluene-d8

Concen: 50.366 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN060148.D

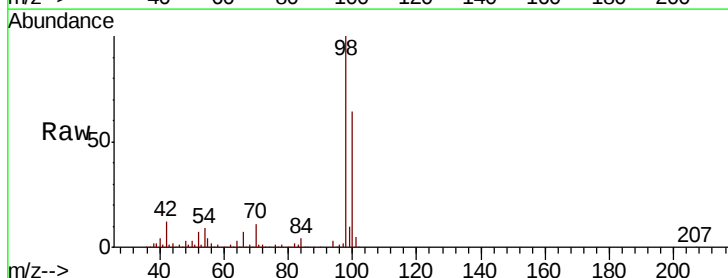
Acq: 19 Feb 2020 12:15

Tgt Ion: 98 Resp: 309155

Ion Ratio Lower Upper

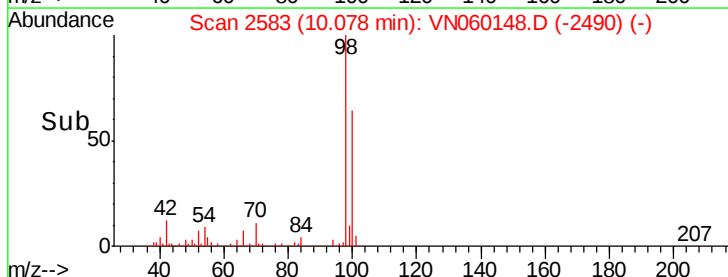
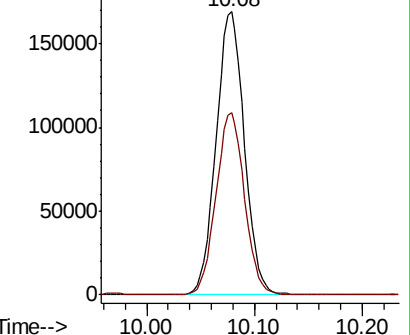
98 100

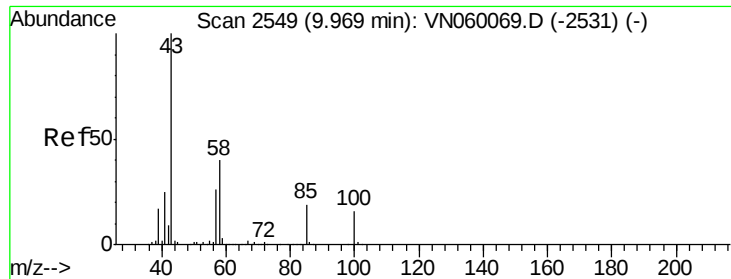
100 64.6 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN060148.D (-2583) (-)

Ion 100.00 (99.70 to 100.70): VN060148.D (-2583) (-)

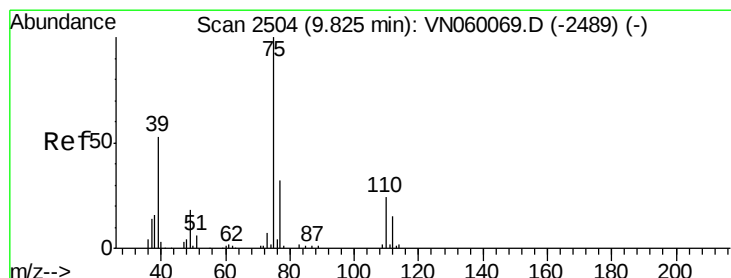
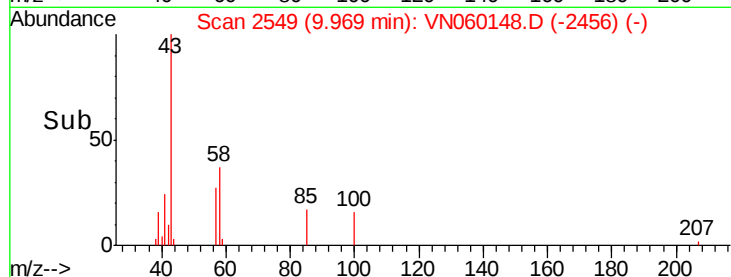
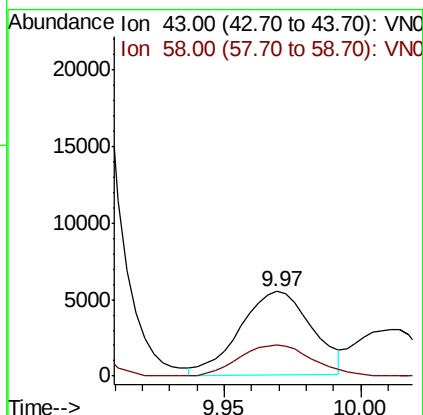
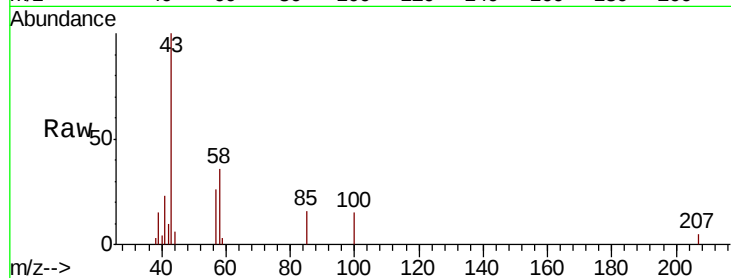




#51
 4-Methyl-2-Pentanone
 Concen: 4.781 ug/l
 RT: 9.97 min Scan# 2549
 Delta R.T. -0.00 min
 Lab File: VN060148.D
 Acq: 19 Feb 2020 12:15

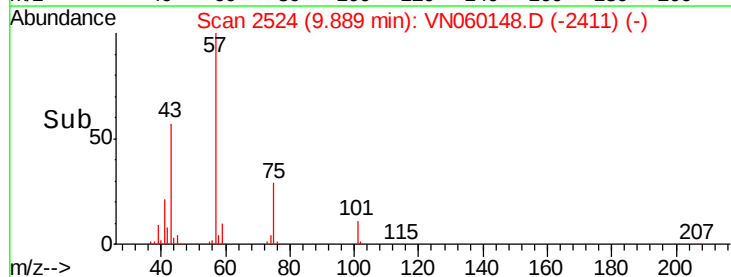
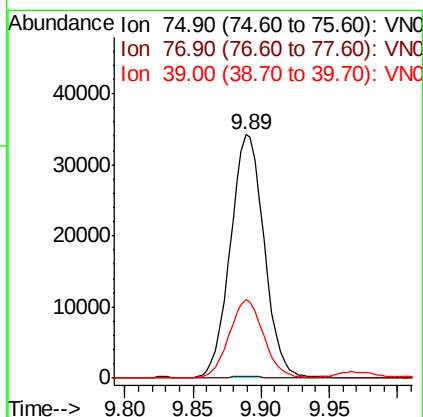
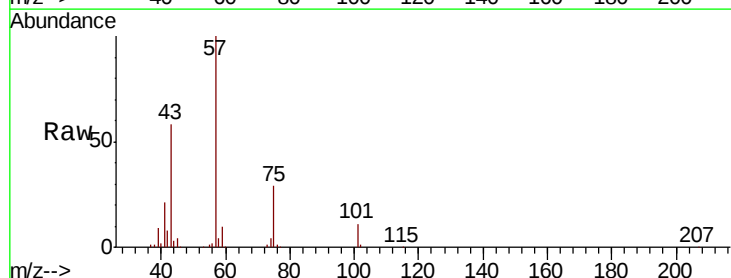
Instrument :
 MSVOA_N
 ClientSampled :

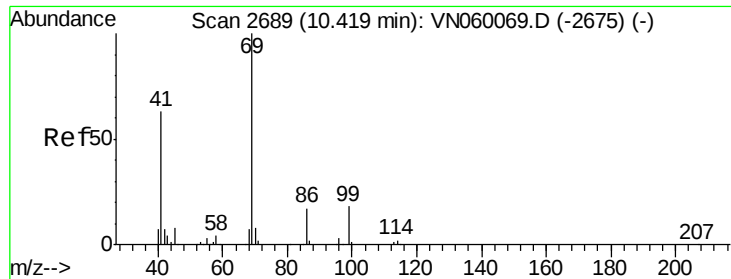
Tot Ion: 43 Resp: 10042
 Ion Ratio Lower Upper
 43 100
 58 37.8 31.8 47.8



#54
 cis-1,3-Dichloropropene
 Concen: 20.048 ug/l
 RT: 9.89 min Scan# 2524
 Delta R.T. 0.06 min
 Lab File: VN060148.D
 Acq: 19 Feb 2020 12:15

Tgt Ion: 75 Resp: 59052
 Ion Ratio Lower Upper
 75 100
 77 0.5 25.6 38.4#
 39 32.2 42.2 63.4#

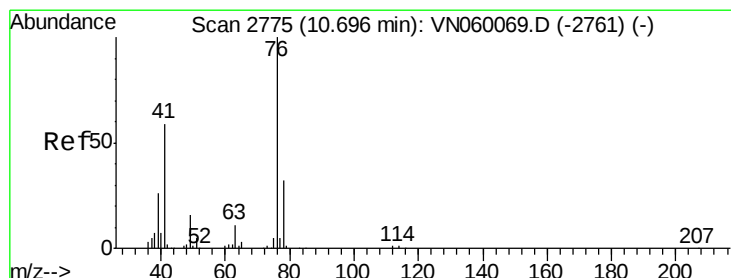
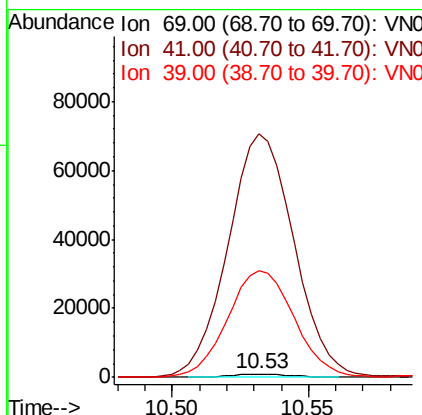
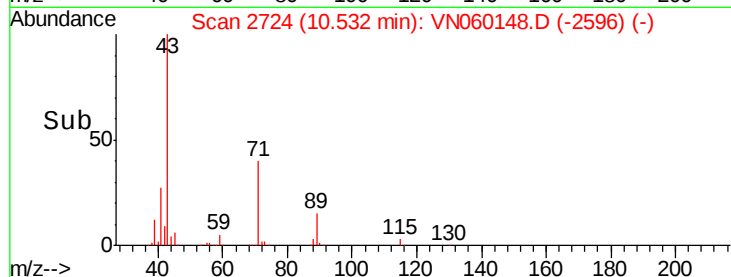
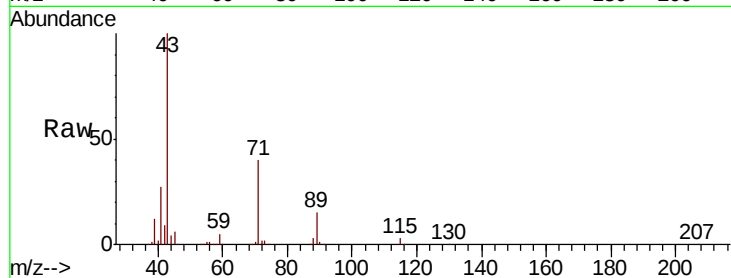




#56
Ethyl methacrylate
Concen: 0.597 ug/l
RT: 10.53 min Scan# 2724
Delta R.T. 0.11 min
Lab File: VN060148.D
Acq: 19 Feb 2020 12:15

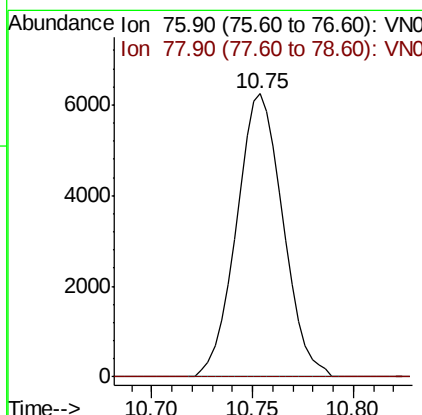
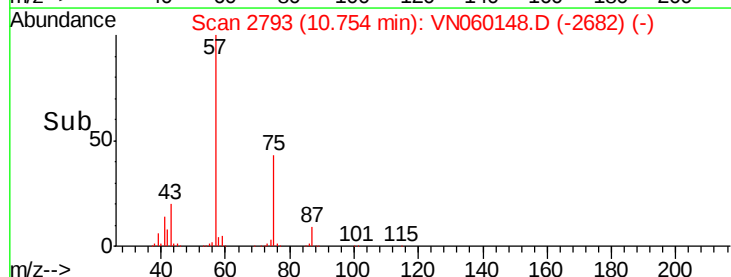
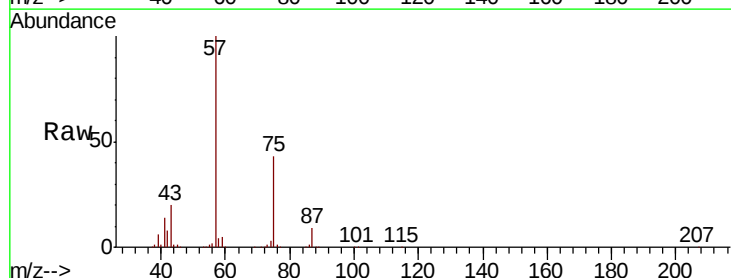
Instrument :
MSVOA_N
ClientSampleId :

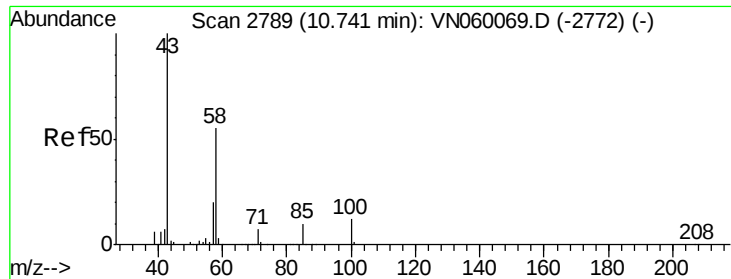
Tot Ion: 69 Resp: 1473
Ion Ratio Lower Upper
69 100
41 8098.2 51.1 76.7#
39 3579.8 33.8 50.8#



#57
1,3-Dichloropropane
Concen: 3.500 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.06 min
Lab File: VN060148.D
Acq: 19 Feb 2020 12:15

Tgt Ion: 76 Resp: 10066
Ion Ratio Lower Upper
76 100
78 0.0 25.7 38.5#

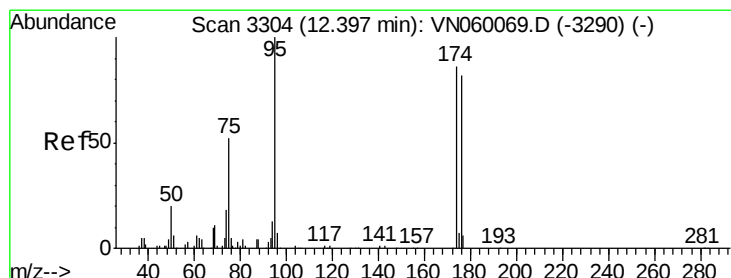
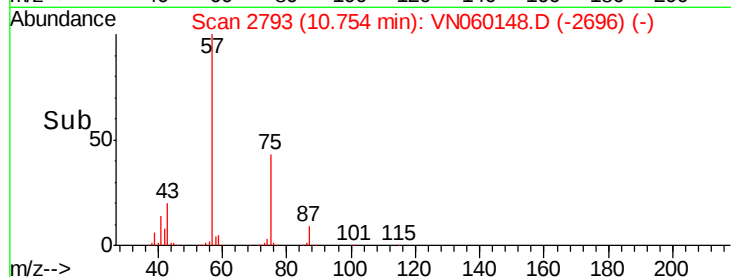
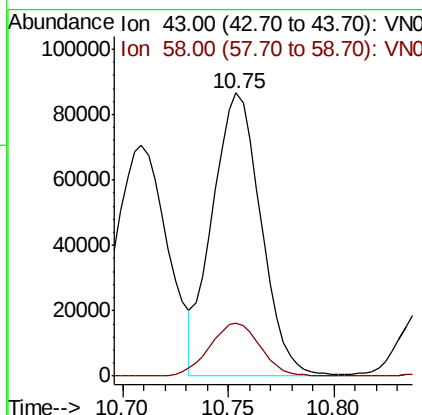
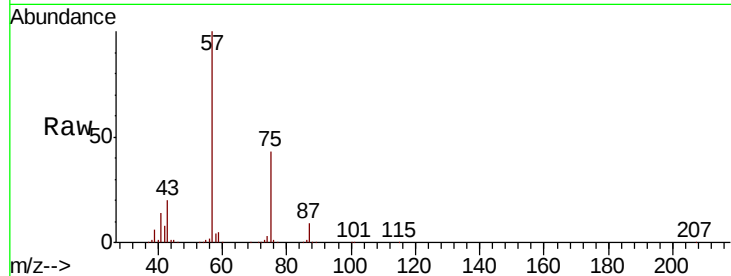




#59
2-Hexanone
Concen: 84.972 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.01 min
Lab File: VN060148.D
Acq: 19 Feb 2020 12:15

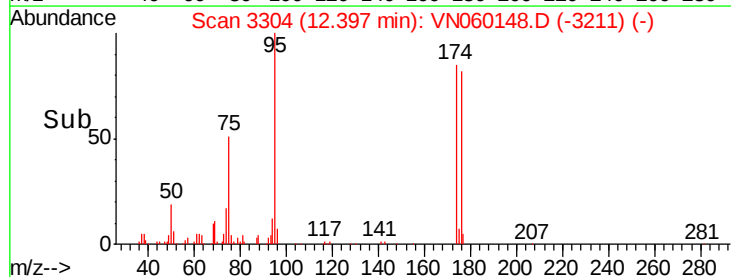
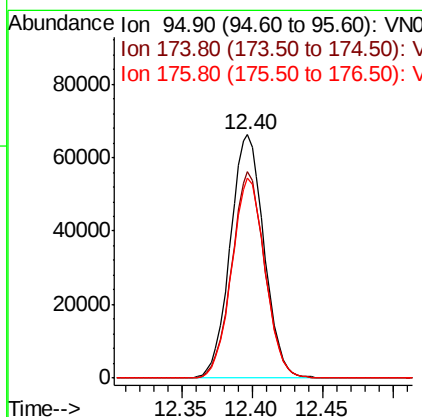
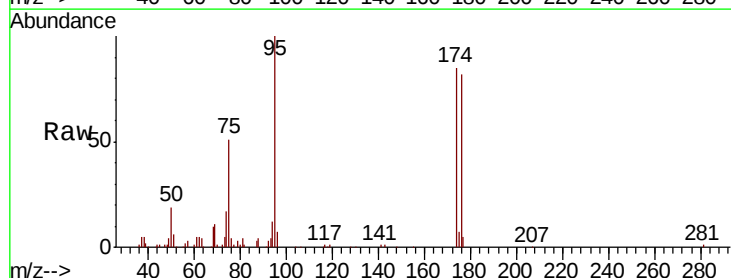
Instrument :
MSVOA_N
ClientSampleId :

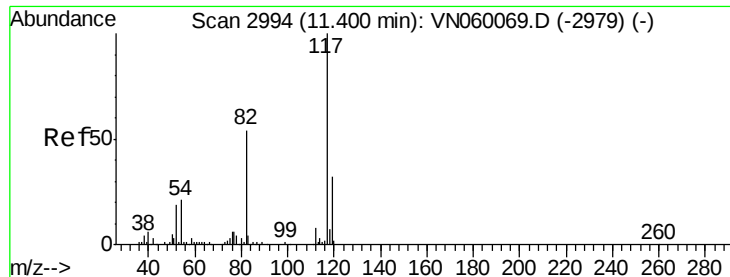
Tot Ion: 43 Resp: 137861
Ion Ratio Lower Upper
43 100
58 19.7 27.5 82.4#



#62
4-Bromofluorobenzene
Concen: 49.227 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. -0.00 min
Lab File: VN060148.D
Acq: 19 Feb 2020 12:15

Tgt Ion: 95 Resp: 111032
Ion Ratio Lower Upper
95 100
174 82.8 0.0 169.8
176 81.3 0.0 164.8

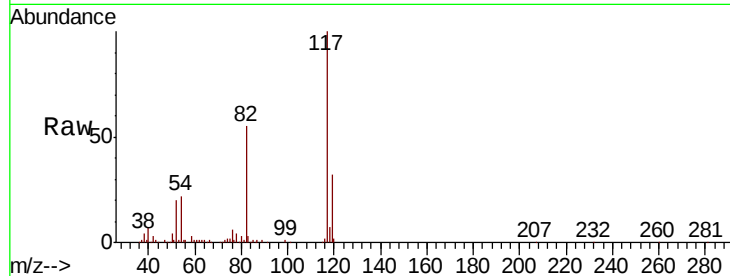




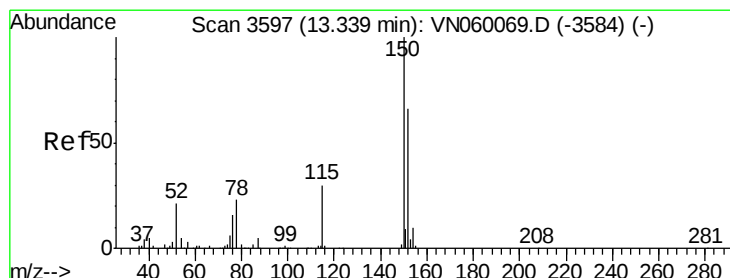
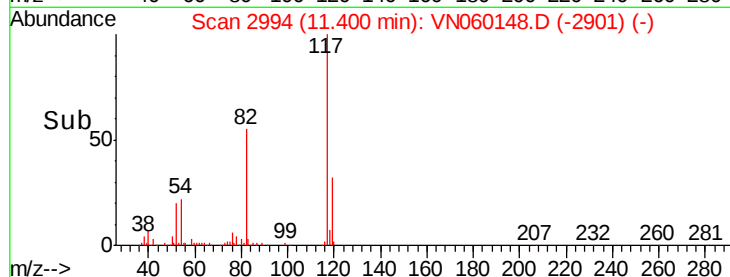
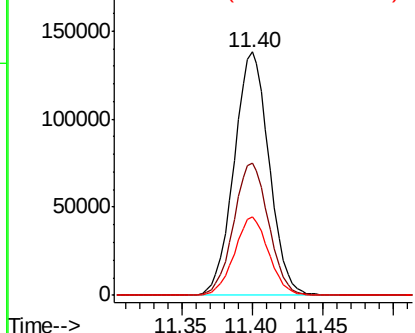
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060148.D
Acq: 19 Feb 2020 12:15

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 239866
Ion Ratio Lower Upper
117 100
82 54.5 43.4 65.0
119 32.2 25.8 38.6

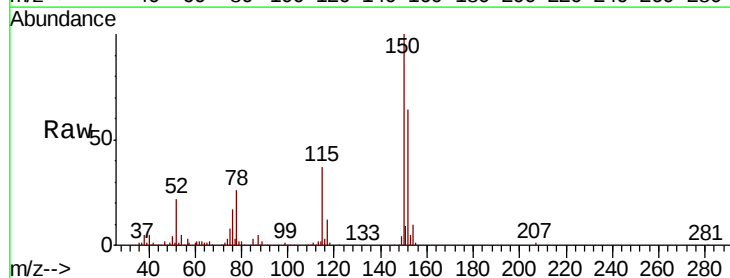


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

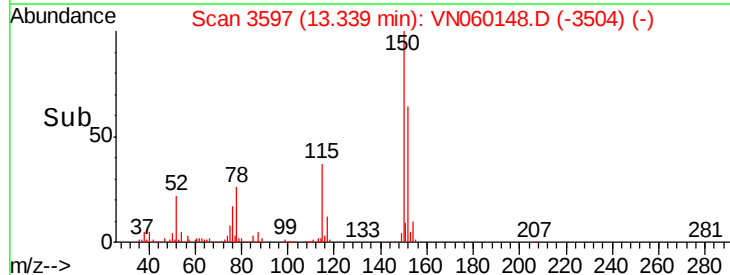
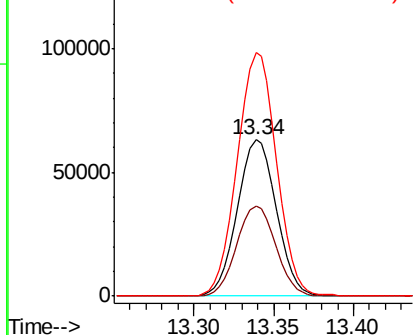


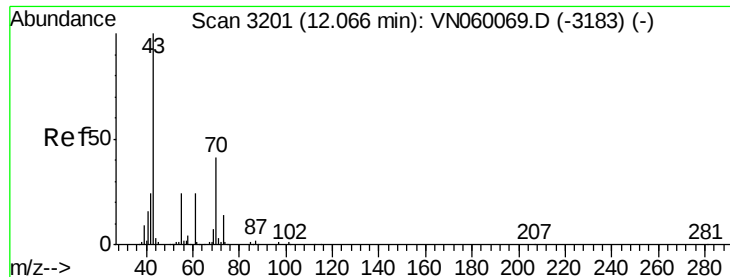
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. -0.00 min
Lab File: VN060148.D
Acq: 19 Feb 2020 12:15

Tgt Ion:152 Resp: 105015
Ion Ratio Lower Upper
152 100
115 57.9 28.9 86.8
150 157.1 0.0 342.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 2.228 ug/l

RT: 12.03 min Scan# 3189

Delta R.T. -0.04 min

Lab File: VN060148.D

Acq: 19 Feb 2020 12:15

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 43 Resp: 6301

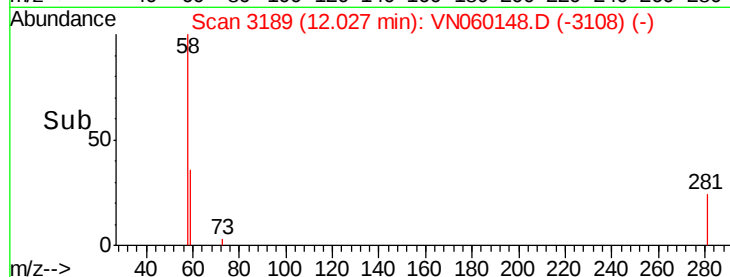
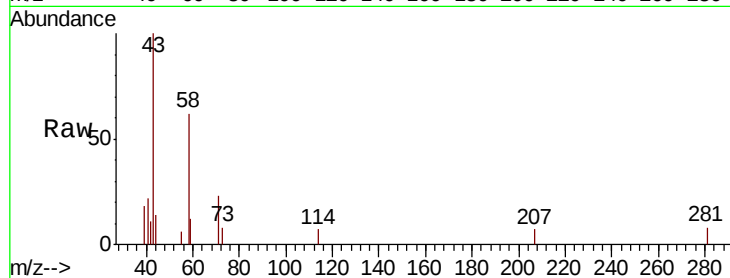
Ion Ratio Lower Upper

43 100

70 0.0 33.4 50.0#

55 2.9 18.8 28.2#

61 0.0 19.2 28.8#

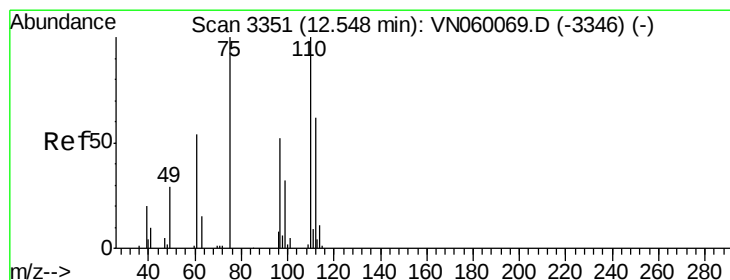
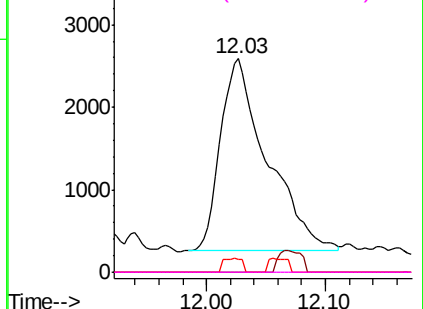


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#76

1,2,3-Trichloropropane

Concen: 28.304 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.15 min

Lab File: VN060148.D

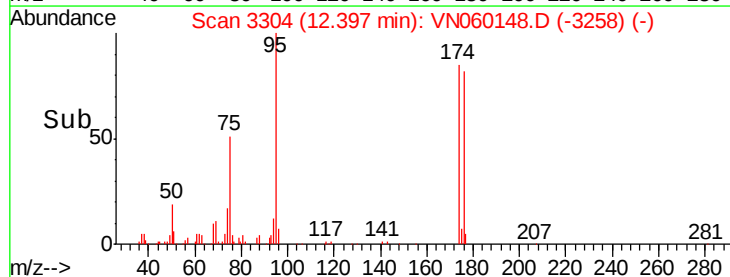
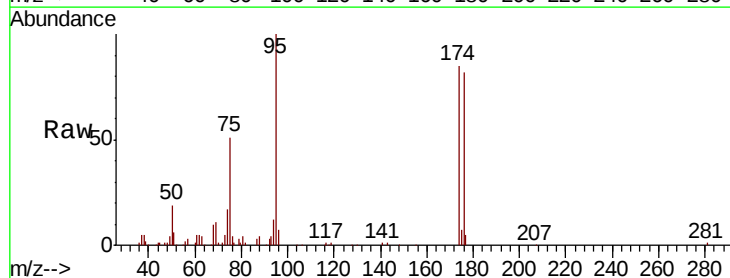
Acq: 19 Feb 2020 12:15

Tgt Ion: 75 Resp: 56867

Ion Ratio Lower Upper

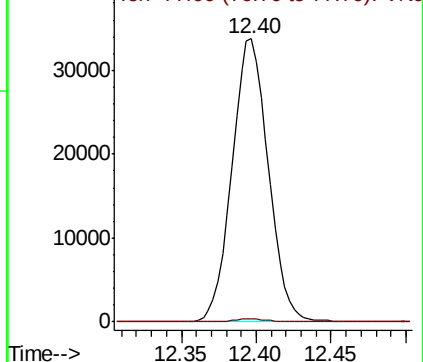
75 100

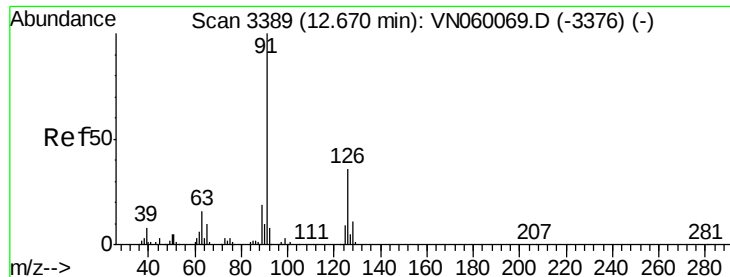
77 0.8 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

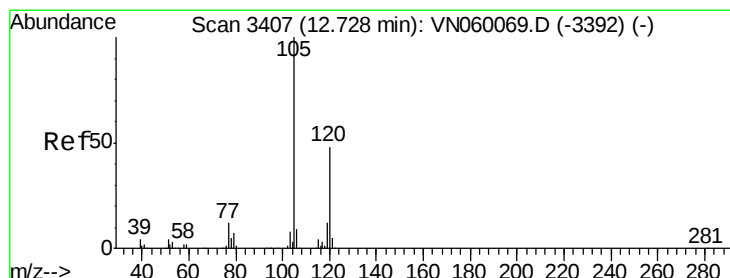
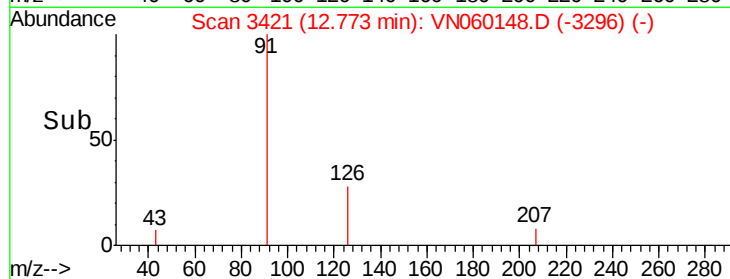
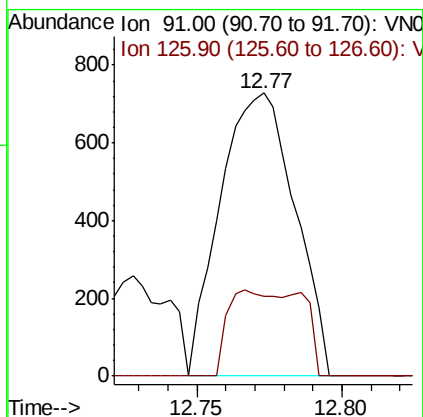
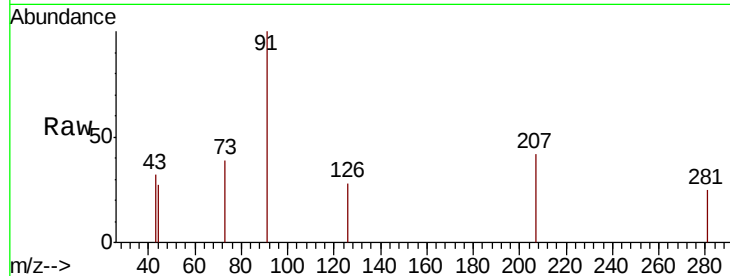




#79
 2-Chlorotoluene
 Concen: 0.248 ug/l
 RT: 12.77 min Scan# 3421
 Delta R.T. 0.10 min
 Lab File: VN060148.D
 Acq: 19 Feb 2020 12:15

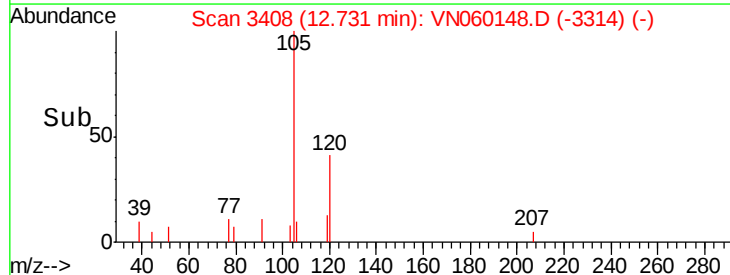
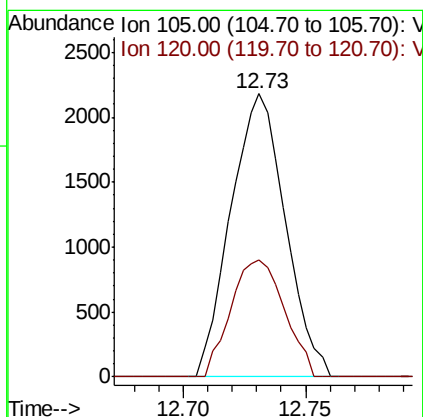
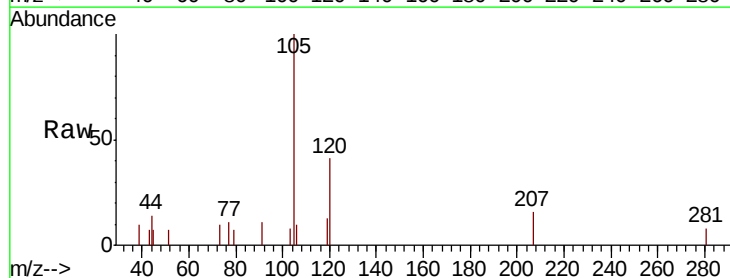
Instrument :
 MSVOA_N
 ClientSampled :

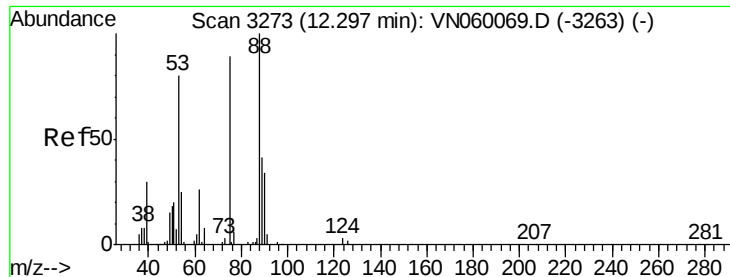
Tot Ion: 91 Resp: 1302
 Ion Ratio Lower Upper
 91 100
 126 20.9 17.4 52.2



#80
 1,3,5-Trimethylbenzene
 Concen: 0.519 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN060148.D
 Acq: 19 Feb 2020 12:15

Tgt Ion: 105 Resp: 3382
 Ion Ratio Lower Upper
 105 100
 120 40.7 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 69.302 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.10 min

Lab File: VN060148.D

Acq: 19 Feb 2020 12:15

Instrument :

MSVOA_N

ClientSampleId :

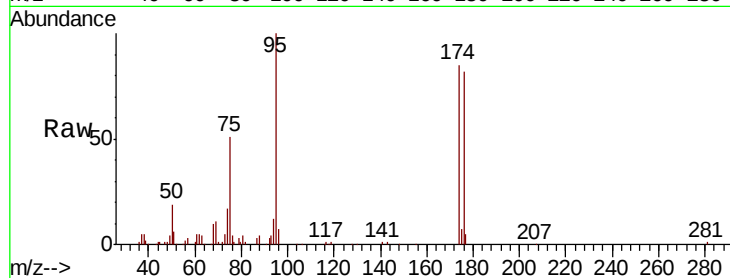
Tot Ion: 75 Resp: 56867

Ion Ratio Lower Upper

75 100

53 0.0 73.9 110.9#

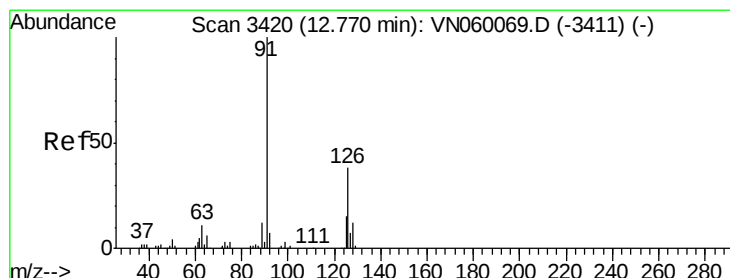
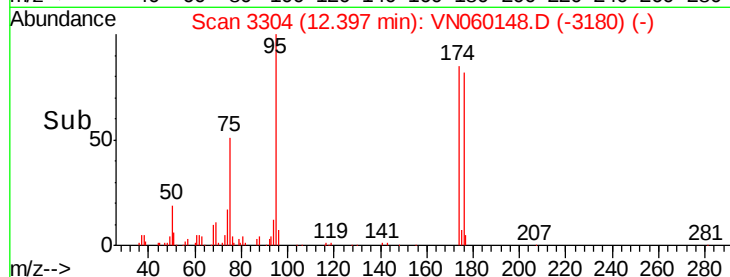
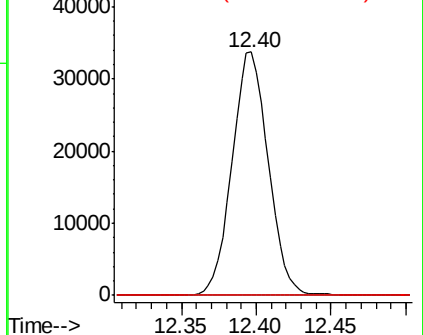
89 0.0 37.0 55.4#



Abundance Ion 74.90 (74.60 to 75.60): VN060148.D (-3304) (-)

Ion 53.00 (52.70 to 53.70): VN060148.D (-3304) (-)

Ion 88.90 (88.60 to 89.60): VN060148.D (-3304) (-)



#82

4-Chlorotoluene

Concen: 0.242 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN060148.D

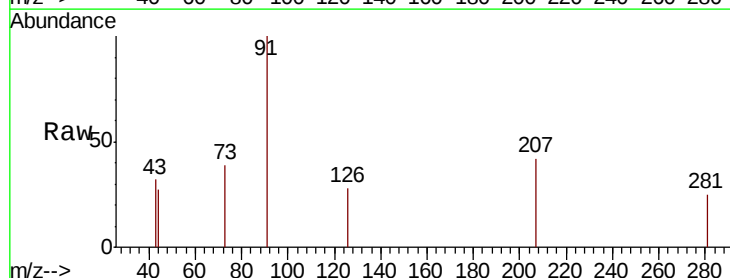
Acq: 19 Feb 2020 12:15

Tgt Ion: 91 Resp: 1302

Ion Ratio Lower Upper

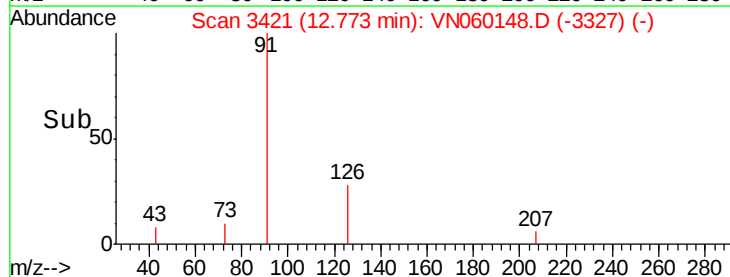
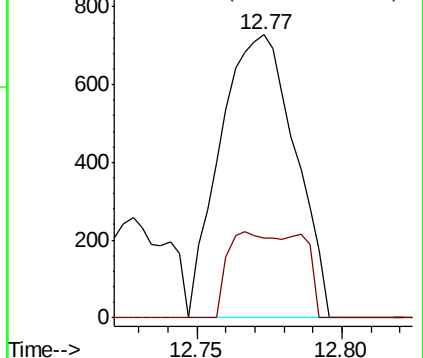
91 100

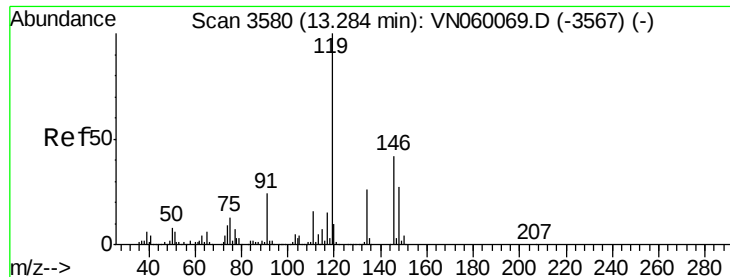
126 20.9 17.1 51.3



Abundance Ion 91.00 (90.70 to 91.70): VN060148.D (-3421) (-)

Ion 125.90 (125.60 to 126.60): VN060148.D (-3421) (-)

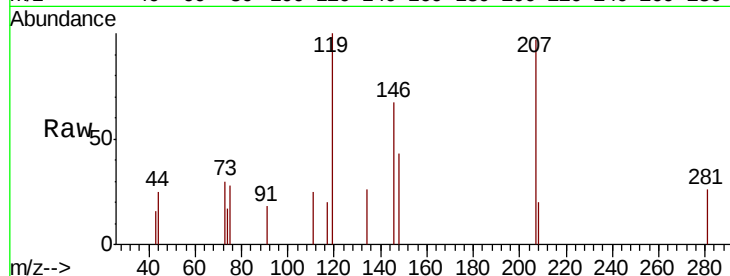




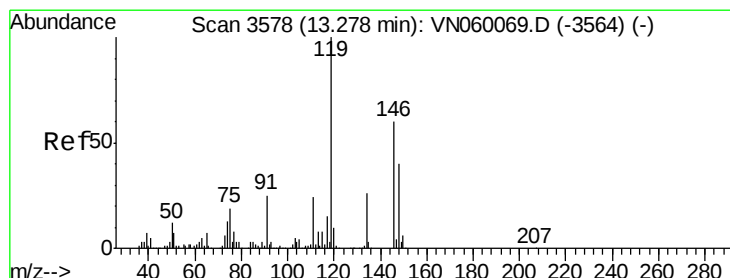
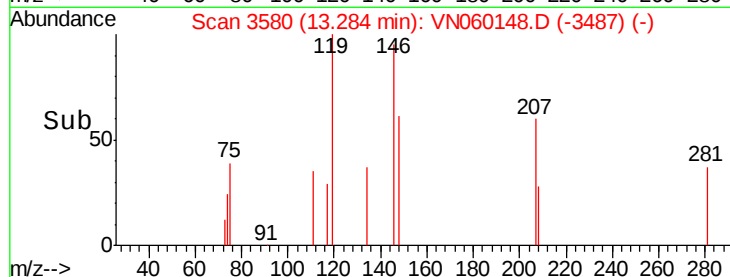
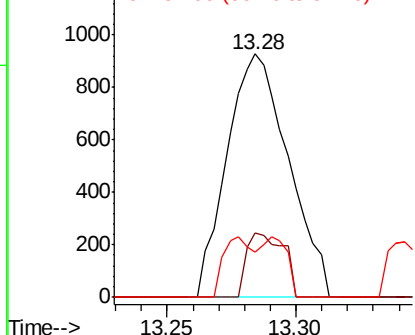
#86
 p-Isopropyltoluene
 Concen: 0.223 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. -0.00 min
 Lab File: VN060148.D
 Acq: 19 Feb 2020 12:15

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	119	Resp	1540
Ion Ratio	Lower	Upper	
119	100		
134	15.9	13.3	39.8
91	12.1	11.9	35.9

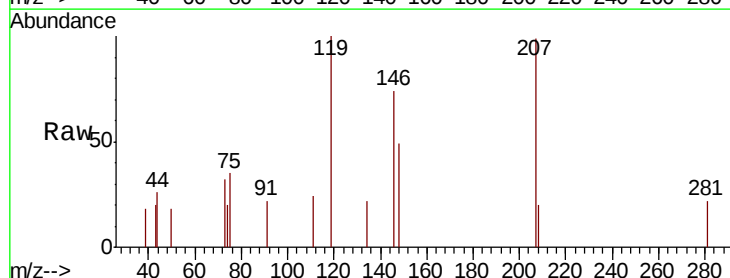


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

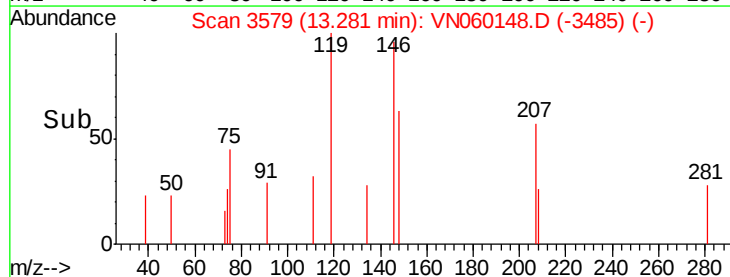
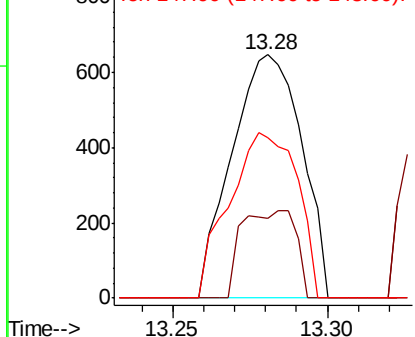


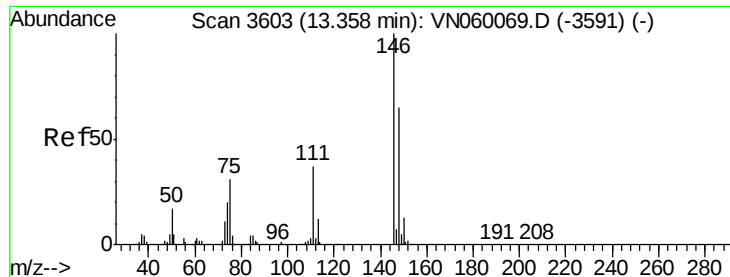
#87
 1,3-Dichlorobenzene
 Concen: 0.296 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN060148.D
 Acq: 19 Feb 2020 12:15

Tgt Ion	146	Resp	1018
Ion Ratio	Lower	Upper	
146	100		
111	27.7	19.8	59.3
148	66.2	32.0	96.2



Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

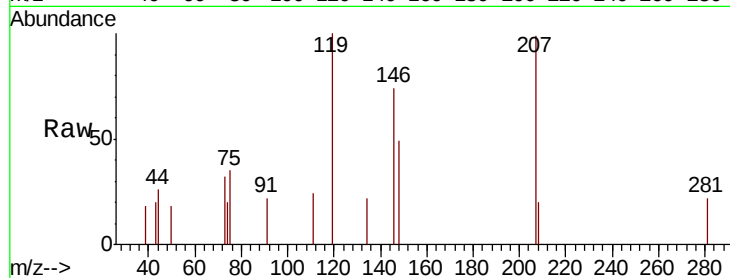




#88
 1,4-Dichlorobenzene
 Concen: 0.296 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. -0.08 min
 Lab File: VN060148.D
 Acq: 19 Feb 2020 12:15

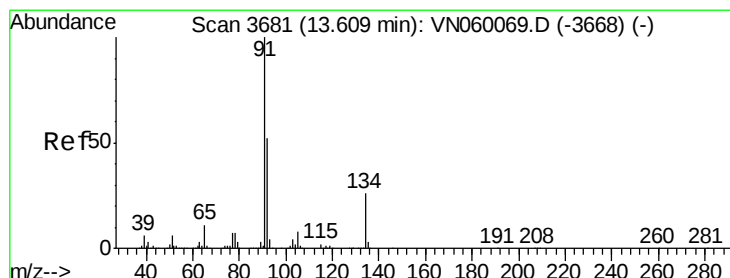
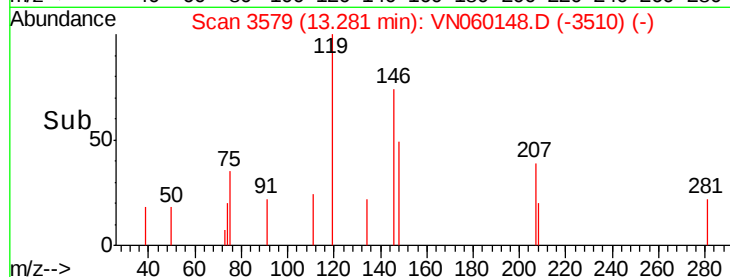
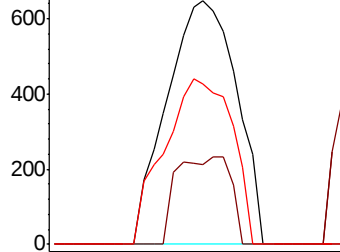
Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
111	27.7	18.9	56.5
148	66.2	32.0	96.0



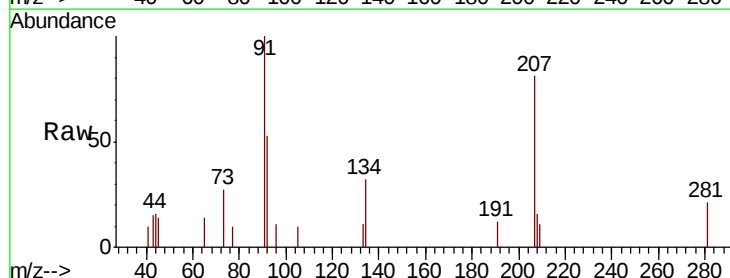
Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

13.28



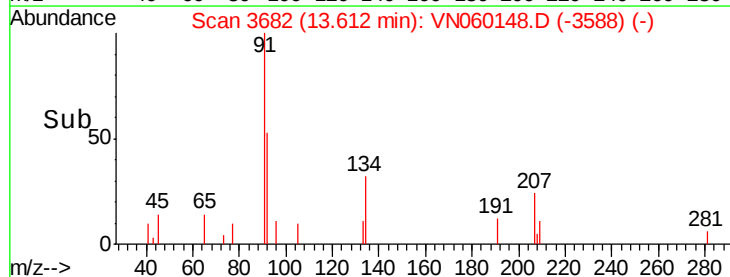
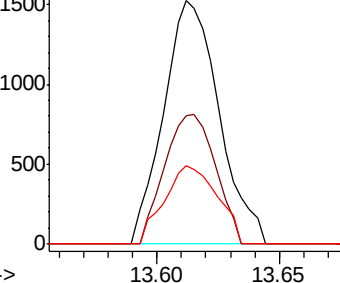
#89
 n-Butylbenzene
 Concen: 0.395 ug/l
 RT: 13.61 min Scan# 3682
 Delta R.T. 0.00 min
 Lab File: VN060148.D
 Acq: 19 Feb 2020 12:15

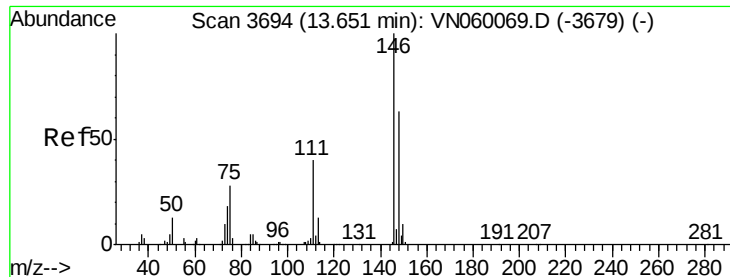
Tgt Ion	Ratio	Lower	Upper
91	100		
92	49.0	26.1	78.2
134	30.8	13.1	39.3



Abundance Ion 91.00 (90.70 to 91.70): V
 Ion 92.00 (91.70 to 92.70): V
 Ion 134.00 (133.70 to 134.70): V

13.61





#91

1,2-Dichlorobenzene

Concen: 0.305 ug/l

RT: 13.66 min Scan# 3696

Delta R.T. 0.01 min

Lab File: VN060148.D

Acq: 19 Feb 2020 12:15

Instrument:

MSVOA_N

ClientSampleId:

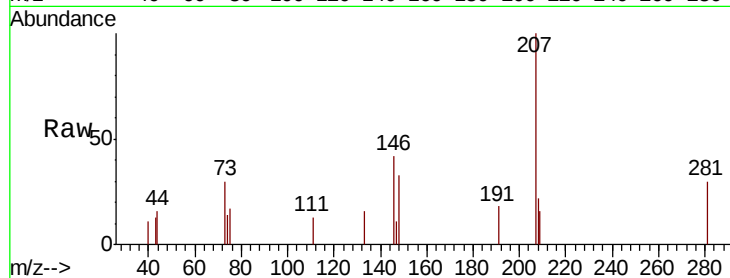
Tot Ion:146 Resp: 1028

Ion Ratio Lower Upper

146 100

111 25.6 20.1 60.2

148 64.5 31.9 95.5



Abundance

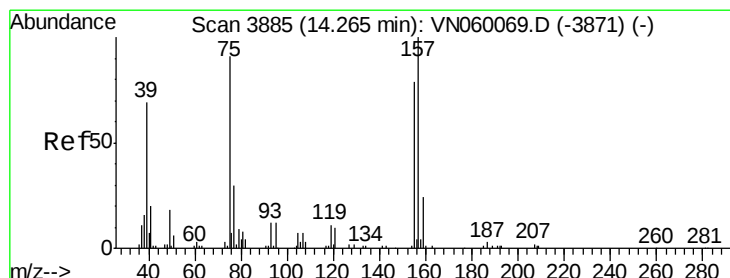
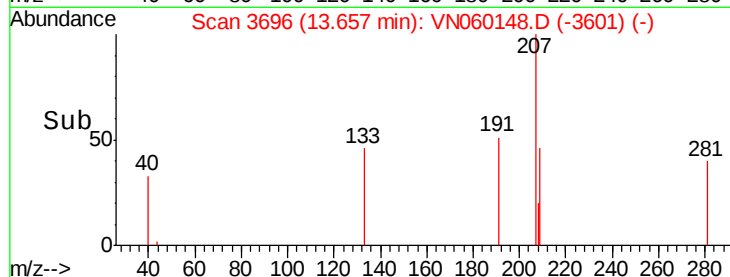
Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

13.66

Time--> 13.60 13.65



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.283 ug/l

RT: 14.27 min Scan# 3887

Delta R.T. 0.01 min

Lab File: VN060148.D

Acq: 19 Feb 2020 12:15

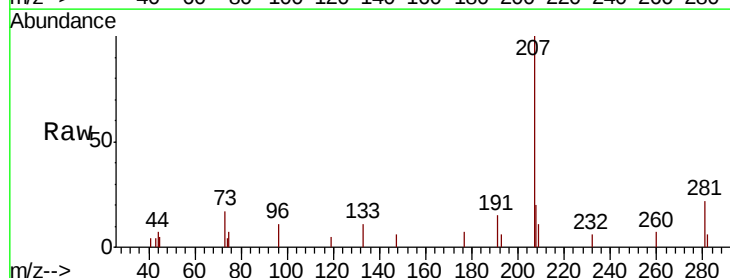
Tgt Ion: 75 Resp: 504

Ion Ratio Lower Upper

75 100

155 0.0 43.0 129.0#

157 0.0 54.9 164.5#



Abundance

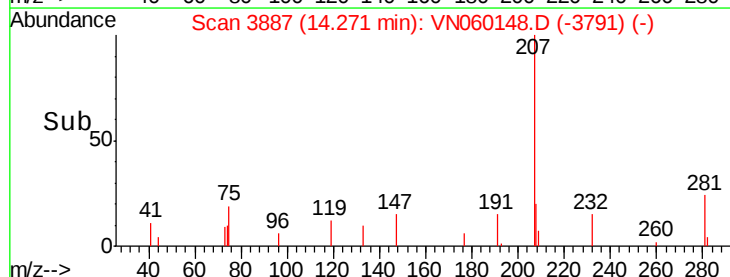
Ion 74.90 (74.60 to 75.60): V

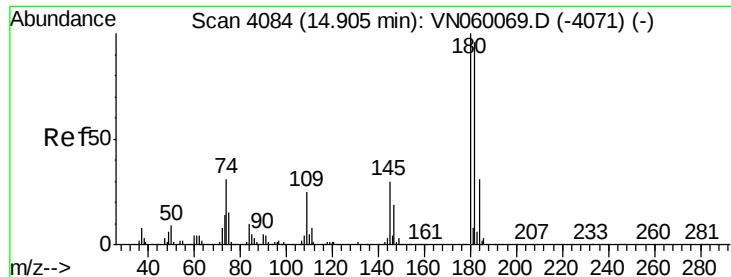
Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

14.27

Time--> 14.25 14.30

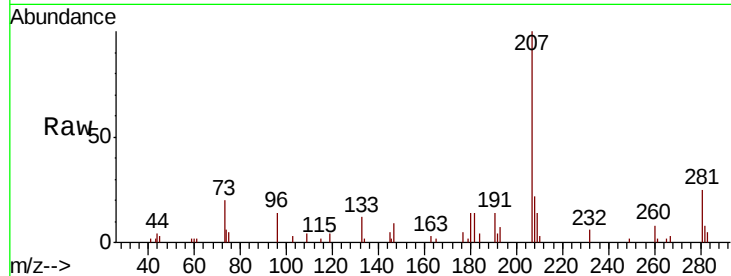




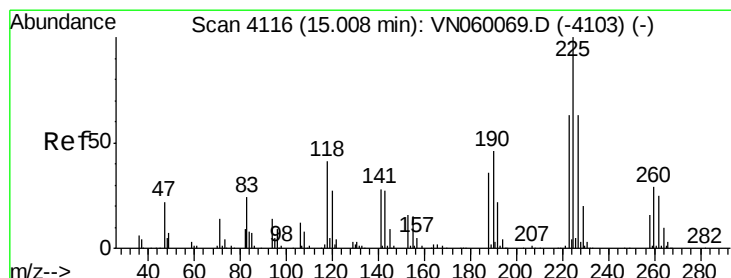
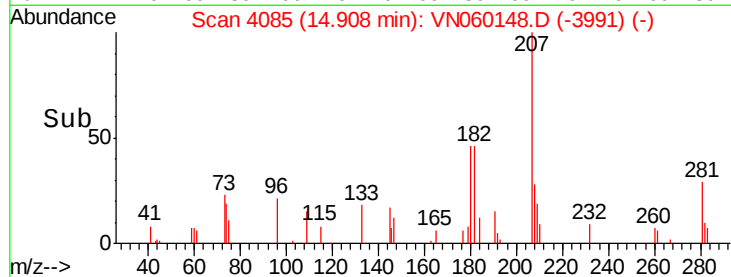
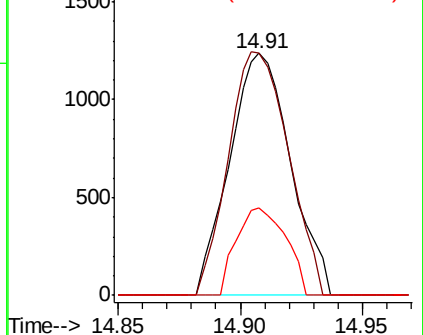
#93
 1,2,4-Trichlorobenzene
 Concen: 1.084 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN060148.D
 Acq: 19 Feb 2020 12:15

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:180 Resp: 2148
 Ion Ratio Lower Upper
 180 100
 182 98.7 47.9 143.8
 145 29.1 15.2 45.5

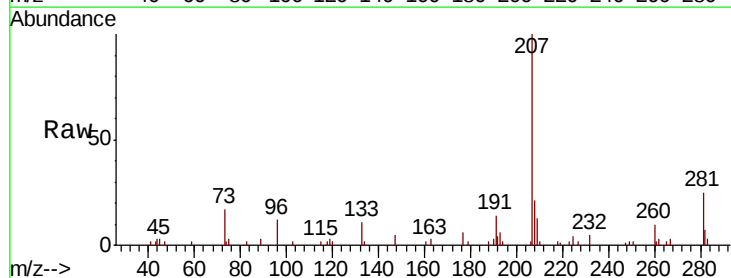


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

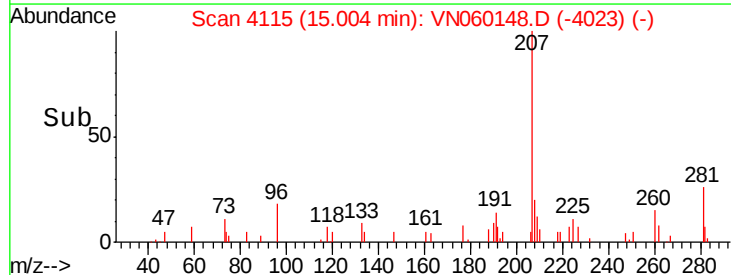
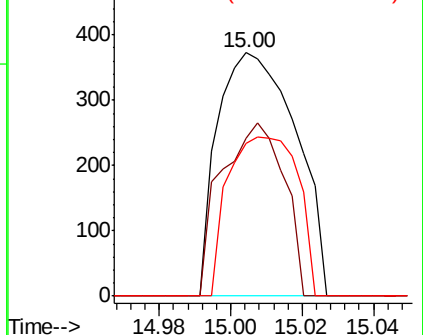


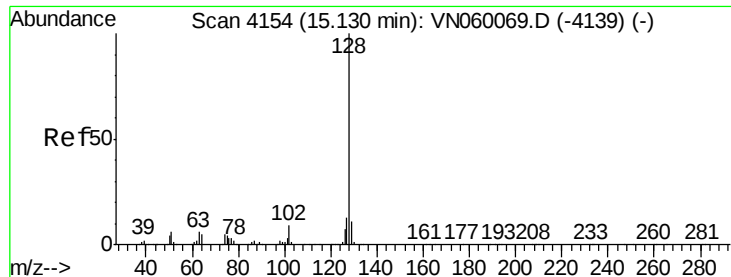
#94
 Hexachlorobutadiene
 Concen: 0.487 ug/l
 RT: 15.00 min Scan# 4115
 Delta R.T. -0.00 min
 Lab File: VN060148.D
 Acq: 19 Feb 2020 12:15

Tgt Ion:225 Resp: 565
 Ion Ratio Lower Upper
 225 100
 223 57.2 31.5 94.5
 227 58.1 31.8 95.4



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 1.649 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. -0.00 min

Lab File: VN060148.D

Acq: 19 Feb 2020 12:15

Instrument :

MSVOA_N

ClientSampleId :

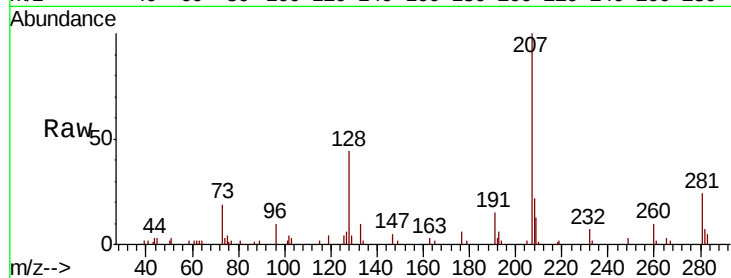
Tot Ion:128 Resp: 8826

Ion Ratio Lower Upper

128 100

127 12.0 10.3 15.5

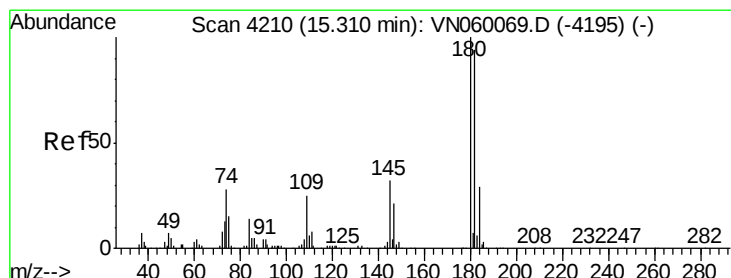
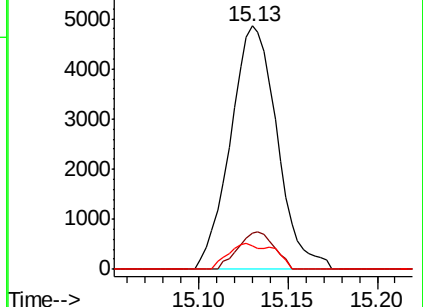
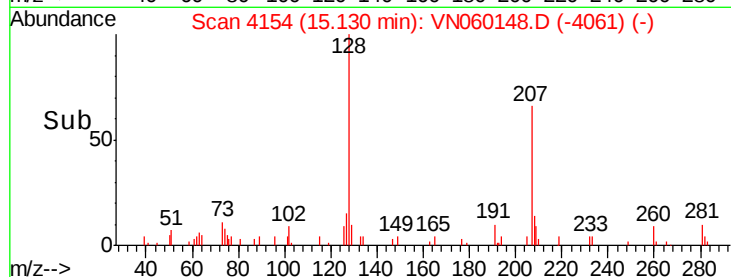
129 10.5 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 1.277 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN060148.D

Acq: 19 Feb 2020 12:15

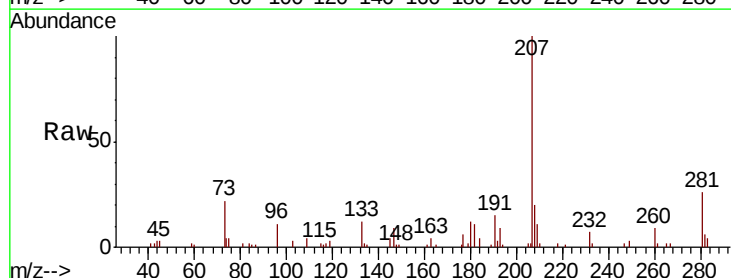
Tgt Ion:180 Resp: 2520

Ion Ratio Lower Upper

180 100

182 98.4 47.5 142.5

145 34.4 16.1 48.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

